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ENVIRONMENTAL CONSULTANTS

April 6, 2010

Ashley Holt, P.G., Manager  
State Remediation Program  
Division of Solid Waste Management  
Tennessee Department of Environment and Conservation  
5<sup>th</sup> Floor, L&C Tower  
401 Church Street  
Nashville, Tennessee 37243-1535

**Re: Seep and Surface Water Monitoring Results – February 2010 Event  
Solvent Release Response  
Egyptian Lacquer Manufacturing Company  
Franklin, Tennessee  
TriAD Project No. 07-ELM01-01**

Dear Ms. Holt:

As required in the *Modified Seep and Surface Water Monitoring Plan* (Plan), submitted to you on November 14, 2008, TriAD Environmental Consultants, Inc. (TriAD), on behalf of Egyptian Lacquer Manufacturing Company (ELMCO) and through its attorneys Stites and Harbison, PLLC, is submitting the analytical results of the February 2010 monitoring event. This report includes a table summarizing the analytical results and the laboratory reports of the analyses.

On February 26, 2010, TriAD personnel collected samples from the five monitoring points established in the Plan: LC-PC, LC-MS, Watergate, HR-2, and HR-DS-LC. LC-PC, Watergate, and HR-DS-LC are surface-water sampling points, and LC-MS and HR-2 are stream-bank groundwater seep discharge points. The February event was performed during a period in which all locations exhibited flow, the seep locations were above the river and creek levels, and the USGS-gauged flow of the Harpeth River at the Highway 96 bridge was approximately 236 cubic feet per second, at a river stage of 4.5 feet. No measurable rain had been recorded for approximately three days. These stream flow conditions were greater than those observed in the previous monitoring event, on December 7, 2009.

All samples were transferred under chain-of-custody procedures to TestAmerica where they were analyzed for volatile organic compounds (VOCs) by U.S. EPA SW846 Method 8260B. The laboratory analytical results are summarized along with historical data in the attached Table 1. A copy of the complete laboratory report for the February event is also attached. The laboratory quality control data

show that one of the toluene surrogate recoveries – the surrogate from the low dilution – was outside the acceptable range in sample LC-MS. However, because the toluene surrogate recoveries from the high dilutions were acceptable, the toluene results from this sample are considered valid. Other recovery and matrix spike issues were noted by the laboratory, none of which were believed to affect sample results. No VOCs were detected in the trip blank.

Table 1 shows that constituent concentrations at the monitored points continue to fluctuate, and that toluene remains the primary constituent of concern. The concentration of toluene in the sample from seep HR-2 was significantly decreased from the December results, and was the lowest ever measured at this location. Continued monitoring is needed to verify this decrease. Acetone has not been detected at HR-2 in the last six events.

At seep LC-MS, the VOC concentrations decreased slightly compared to the December results, but were still within the range detected since fall of 2008. As noted in previous reports, it is possible that the fluctuations noted at LC-MS and the other Liberty Creek sampling points are related to operation of the automated pumping system at the solvent recovery sump and infiltration gallery (formerly the recovery trench). Intermittent operation of the pumping system that began in April 2009 was continuing at the time of sampling, with periodic high water levels caused by precipitation events and/or pumping preventing the establishment of regular, sustained pumping.

The surface water samples collected from the LC-Pc and Watergate locations showed acetone and toluene concentrations at or near historic lows, although dilution from relatively high stream flow conditions may have contributed to these low results.

Analytical results from location HR-DS-LC continue to show that toluene is the only VOC consistently detected, and its concentration remains well below the water quality criteria for domestic water supply. These results confirm those obtained by the Tennessee Division of Water Pollution Control in their repeated sampling of the Harpeth River both upstream and downstream of Liberty Creek.

**Because contaminants have never been detected in the Harpeth River at concentrations exceeding the water quality criteria for domestic water supply, ELMCO is hereby requesting TDEC's permission to discontinue sampling at location HR-DS-LC. Further, because data have consistently shown no increasing trends in contaminant concentrations at any sampled location, ELMOC is hereby requesting TDEC's permission to begin seep and surface water sampling on a quarterly schedule.**

The February 2010 monitoring event was the twenty-eighth seep monitoring event. The next sampling event will be scheduled based on TDEC's response to the request for a change in sampling frequency.

Please contact us if you require additional information.

Sincerely,

TriAD Environmental Consultants, Inc.



Chris Scott, P.G.  
Senior Hydrogeologist

Attachments (Table 1, lab report)

cc: Bill Penny, Stites and Harbison  
Kerry Mattox, ELMCO

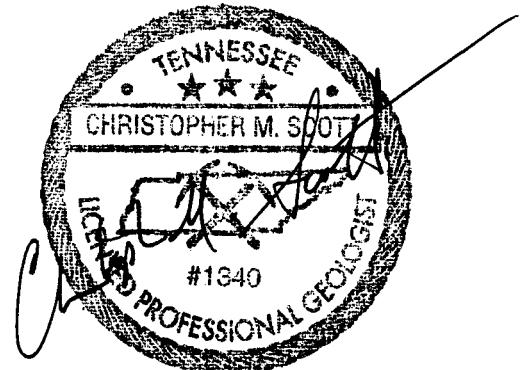


Table 1: Summary of Analytical Results Liberty Creek and Harpeth River Seeps Results in mg/L													
Sampling Location LC-PC (Personnel Crossing)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloroethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
05/18/07	<b>5.1</b>	<b>18</b>	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
05/24/07	<b>18</b>	<b>12<sup>E</sup></b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
06/01/07	<b>5.1</b>	<b>0.72<sup>E</sup></b>	<0.0010	<0.0010	<0.0010	<b>0.032</b>	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0030
06/08/07	<b>20</b>	<b>35<sup>J</sup></b>	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
07/09/07	<b>18<sup>E</sup></b>	<b>35<sup>E</sup></b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
08/08/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/19/07	<b>24</b>	<b>33</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
10/15/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/09/07	<12	<b>24</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
12/10/07	<b>3.0</b>	<b>7.8</b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
01/28/08	<b>1.4</b>	<b>5</b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
02/15/08	<b>5.3</b>	<b>8.1</b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
04/02/08	<b>6.1<sup>E</sup></b>	<b>4.4</b>	<0.0010	<0.0010	<b>0.0019</b>	<b>0.016</b>	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<b>0.010</b>
05/07/08	<b>8.8</b>	<b>6.9<sup>E</sup></b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
06/03/08	<b>8.0</b>	<b>13</b>	<0.0050	<0.0050	<0.0050	<0.050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<b>0.020</b>
07/01/08 <sup>1</sup>	<10	<b>24</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
07/01/08 <sup>2</sup>	<b>12.5</b>	<b>26.8</b>	<0.005	<0.005	<b>0.00735</b>	<0.250	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0251</b>
07/01/08 <sup>3</sup>	<b>13.4</b>	<b>30.3</b>	<b>0.00112</b>	<0.00034	<b>0.00704</b>	<b>0.0463</b>	<0.00068	<0.00023	<0.0005	<b>0.00308</b>	NR	<b>0.00212</b>	<b>0.03144</b>
09/09/08 <sup>4</sup>	<b>25.3</b>	<b>38.6<sup>B1</sup></b>	<b>0.00186</b>	<0.0010	<b>0.00617</b>	<b>0.0922</b>	<0.010	<0.0010	<0.0010	<b>0.00308</b>	NR	<0.0010	<b>0.0358</b>
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08	<b>10.70</b>	<b>25.10</b>	<b>0.00117</b>	<0.0010	<b>0.00892</b>	<b>0.0641</b>	<0.010	<0.0010	<0.0010	<b>0.00237</b>	NR	<0.0010	<b>0.0330</b>
11/13/08	<b>0.691</b>	<b>12.30</b>	<0.0010	<0.0010	<b>0.00330</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00177</b>	NR	<0.0010	<b>0.0169</b>
12/23/08	<b>2.920</b>	<b>7.260</b>	<0.0010	<0.0010	<b>0.00246</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0104</b>
02/06/09	<b>2.570</b>	<b>8.770</b>	<0.0010	<0.0010	<b>0.00318</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0131</b>
04/24/09	<5.0	<b>9.440</b>	<0.0010	<0.0010	<b>0.00322</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0166</b>
06/03/09	<b>4.890</b>	<b>32.700</b>	<b>0.00101</b>	<0.0010	<b>0.0115</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00302</b>	NR	<0.0010	<b>0.0488</b>
08/10/09	<b>0.997</b>	<b>7.650</b>	<0.0010	<0.0010	<b>0.00267</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0153</b>
10/22/09	<5.0 <sup>RL1</sup>	<b>6.970</b>	<0.0010	<0.0010	<b>0.00391</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0195</b>
12/07/09	<b>1.740</b>	<b>10.500</b>	<0.0010	<0.0010	<b>0.00486</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00150</b>	NR	<0.0010	<b>0.0235</b>
02/26/10	<b>0.181</b>	<b>3.170</b>	<0.0010	<0.0010	<b>0.00160</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.00699</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

Location LC-PC is the same location as that monitored by TDWPC and known as location LC-A.

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories

<sup>4</sup> Sample also contained 1,2-dichloroethane at 0.00114 mg/L and isopropylbenzene at 0.00156 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to sample matrix effects

**Table 1: Summary of Analytical Results Continued**  
**Liberty Creek and Harpeth River Seeps**  
**Results in mg/L**

Sampling Location LC-MS (Main Seep)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
5/18/2007 <sup>a</sup>	<12	<b>54 E</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
5/24/2007 <sup>a</sup>	<12	<b>140</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
06/01/07	<b>51</b>	<b>760 E</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/08/07	<50	<b>330</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/09/07	< 250	<b>340</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
08/08/07	< 25	<b>640</b>	<b>0.57</b>	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
09/19/07	<10	<b>32</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
10/12/07	<120	<b>260</b>	<2.5	<2.5	<2.5	<25	<25	<b>3.2</b>	<2.5	<b>17</b>	<b>3.1</b>	<b>2.9</b>	<7.5
11/09/07	<12	<b>16</b>	<0.25	<b>0.27</b>	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
12/10/07	<1.2	<b>4.1</b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
01/28/08	<b>19</b>	<b>74 E</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
02/15/08	<b>14</b>	<b>38</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
04/02/08	<b>120 E</b>	<b>93</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
05/07/08	<25	<b>100 E</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/03/08	<12	<b>120</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
07/01/08 <sup>1</sup>	<12	<b>150</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
07/01/08 <sup>2</sup>	<b>10.8</b>	<b>207</b>	<b>0.0103</b>	<0.005	<b>0.0676</b>	<0.250	<0.050	<0.005	<0.005	<b>0.00885</b>	<0.005	<0.005	<b>0.212</b>
07/01/08 <sup>3</sup>	<b>13.7</b>	<b>252</b>	<b>0.00975</b>	<0.00034	<b>0.0671</b>	<b>0.0743</b>	<0.00068	<b>0.00309</b>	<0.0005	<b>0.0158</b>	NR	<b>0.00602</b>	<b>0.2166</b>
09/09/08 <sup>4</sup>	<b>3.53 E</b>	<b>180 B<sup>1</sup></b>	<b>0.00831</b>	<0.0010	<b>0.0501</b>	<0.050	<0.010	<b>0.00143</b>	<0.0010	<b>0.0101</b>	NR	<b>0.00325</b>	<b>0.158</b>
09/09/08 <sup>3</sup>	<b>3.910</b>	<b>198</b>	<b>0.00876</b>	<0.0010	<b>0.0540</b>	<b>0.0257</b>	<b>0.0126</b>	<b>0.00149</b>	<0.0010	<b>0.0105</b>	<0.0010	<b>0.00324</b>	<b>0.1646</b>
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08 <sup>5</sup>	<b>3.190</b>	<b>178.0</b>	<b>0.00745</b>	<0.0010	<b>0.0736</b>	<0.050	<0.010	<b>0.00275</b>	<0.0010	<b>0.0184</b>	NR	<b>0.00578</b>	<b>0.215</b>
11/13/08 <sup>6</sup>	<b>18.300</b>	<b>194.0</b>	<b>0.00911</b>	<0.0010	<b>0.0699</b>	<0.050	<0.010	<b>0.00261</b>	<0.0010	<b>0.0198</b>	NR	<b>0.00636</b>	<b>0.225</b>
12/23/08	<b>8.470</b>	<b>185.0</b>	<b>0.00391</b>	<0.0010	<b>0.0426</b>	<0.050	<0.010	<b>0.00309</b>	<0.0010	<b>0.0099</b>	NR	<b>0.00331</b>	<b>0.149</b>
2/6/09 <sup>7</sup>	<b>0.815</b>	<b>96.0</b>	<b>0.00330</b>	<0.0010	<b>0.0366</b>	<0.050	<0.010	<b>0.00128</b>	<0.0010	<b>0.0102</b>	NR	<b>0.00325</b>	<b>0.122</b>
04/24/09	<b>70.300</b>	<b>183.0</b>	<b>0.00649</b>	<0.0010	<b>0.0757</b>	<0.050	<0.010	<b>0.00285</b>	<0.0010	<b>0.0197</b>	NR	<b>0.00591</b>	<b>0.291</b>
6/3/09 <sup>8</sup>	<25.00	<b>185.0</b>	<b>0.00503</b>	<0.0010	<b>0.0724</b>	<b>0.121</b>	<0.010	<b>0.00242</b>	<0.0010	<b>0.0160</b>	NR	<b>0.00516</b>	<1.5
8/10/09 <sup>9</sup>	<b>9.170</b>	<b>149.0</b>	<b>0.00256</b>	<0.0010	<b>0.0574</b>	<b>0.110</b>	<b>0.0264</b>	<b>0.00221</b>	<0.0010	<b>0.0146</b>	NR	<b>0.00487</b>	<b>0.191</b>
10/22/09	<100.0 <sup>RL1</sup>	<b>108.0</b>	<b>0.00354</b>	<0.0010	<b>0.0472</b>	<b>0.0703</b>	<b>0.0286</b>	<b>0.00165</b>	<0.0010	<b>0.0120</b>	NR	<b>0.00393</b>	<b>0.159</b>
12/7/09 <sup>10</sup>	<b>15.500</b>	<b>169.0</b>	<b>0.00431</b>	<0.0010	<b>0.0645</b>	<b>0.0703</b>	<0.005	<b>0.00194</b>	<0.0010	<b>0.0144</b>	NR	<b>0.00462</b>	<b>0.256</b>
2/26/10 <sup>11</sup>	<b>4.510</b>	<b>137.0</b>	<b>0.00312</b>	<0.0010	<b>0.0695</b>	<b>0.0926</b>	<0.010	<0.0010	<0.0010	<b>0.0138</b>	NR	<b>0.00448</b>	<b>0.277</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

<sup>a</sup> LC-MS samples on 5/18/07 and 5/24/07 were collected from downstream end of boom area; later samples collected from point of seep.

The Liberty Creek - Main Seep is a cluster of seeps, and different seeps within the cluster have been more active than others at different times.

This fact, along with complications from stream flow levels and free-product response efforts, have resulted in variations in the actual LC-MS sampling point.

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories; this lab also reported isopropylbenzene (0.00117J mg/L), methyl cyclohexane (0.00103 mg/L), and methylene chloride (0.00137 mg/L) in the 7/1/08 sample and 1,1,1-trichloroethane (0.0006J mg/L), isopropylbenzene (0.00072J mg/L), methyl cyclohexane (0.00081 mg/L), and methylene chloride (0.00126 mg/L) in the 9/9/08 sample.

<sup>4</sup> Sample also contained isopropylbenzene at 0.00211 mg/L and p-isopropyltoluene at 0.00183 mg/L

<sup>5</sup> Sample also contained isopropylbenzene at 0.00128 mg/L

<sup>8</sup> Sample also contained isopropylbenzene at 0.00116 mg/L

<sup>6</sup> Sample also contained isopropylbenzene at 0.00125 mg/L

<sup>9</sup> Sample also contained isopropylbenzene at 0.00116 mg/L

<sup>7</sup> Sample also contained chloroform at 0.00330 mg/L

<sup>10</sup> Sample also contained isopropylbenzene at 0.00108 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to sample matrix effects

<sup>J6</sup> Matrix Interference, spike value too low

**Table 1: Summary of Analytical Results Continued**  
**Liberty Creek and Harpeth River Seeps**  
**Results in mg/L**

Sampling Location HR-2 (Harpeth River 2)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
05/18/07	<b>1,700<sup>E</sup></b>	<b>360<sup>E</sup></b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
05/24/07	<b>1,800</b>	<b>400</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
06/01/07	<b>3,700</b>	<b>450<sup>E</sup></b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/08/07	<b>1,900</b>	<b>470</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/09/07	<b>1,500</b>	<b>180<sup>V</sup></b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
08/08/07	<b>1,600</b>	<b>150</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
09/19/07	<b>780</b>	<b>130</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
10/12/07	<b>890</b>	<b>250</b>	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<7.5
11/09/07	<b>400</b>	<b>180</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
12/10/07	<b>620<sup>J6</sup></b>	<b>160<sup>J6</sup></b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
01/28/08	<b>330<sup>E</sup></b>	<b>84</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
02/21/08	<b>460</b>	<b>170</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
04/02/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/07/08	<b>390</b>	<b>140</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
06/10/08	<b>300</b>	<b>160</b>	<b>1.2</b>	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
06/18/08	<b>950</b>	<b>300</b>	<b>0.018</b>	<0.010	<b>0.14</b>	<b>3.5</b>	<b>1.7</b>	<0.010	<0.010	<b>0.023</b>	<0.010	<0.010	<b>0.55</b>
07/01/08 <sup>1</sup>	<b>640</b>	<b>200</b>	<0.10	<0.10	<b>0.10</b>	<b>1.8</b>	<b>1.0</b>	<0.10	<0.10	<0.10	<0.10	<0.10	<b>0.44</b>
07/01/08 <sup>2</sup>	<b>543</b>	<b>231</b>	<b>0.012</b>	<0.010	<b>0.120</b>	<b>3.060</b>	<0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<b>0.471</b>
07/01/08 <sup>3</sup>	<b>773</b>	<b>294</b>	<b>0.0113</b>	<0.00034	<b>0.0820</b>	<b>3.140</b>	<b>1.160</b>	<b>0.00413</b>	<0.00050	<b>0.0233</b>	NR	<b>0.00853</b>	<b>0.3677</b>
09/09/08 <sup>4</sup>	<b>852</b>	<b>230<sup>B1</sup></b>	<b>0.0117</b>	<0.0010	<b>0.106</b>	<b>4.590<sup>E</sup></b>	<0.010	<b>0.00291</b>	<0.0010	<b>0.0225</b>	NR	<b>0.00760</b>	<b>0.511<sup>E</sup></b>
09/09/08 <sup>5</sup>	<b>855</b>	<b>219</b>	<b>0.0120</b>	<0.0010	<b>0.0709</b>	<b>4.470</b>	<b>1.650</b>	<b>0.00272</b>	<b>0.540<sup>J</sup></b>	<b>0.0239</b>	<0.0010	<b>0.00710</b>	<b>0.323</b>
10/1/2008 <sup>5</sup>	<b>692</b>	<b>326</b>	<b>0.0162</b>	<0.0010	<b>0.123</b>	<50	<b>0.482</b>	<b>0.00271</b>	<0.0010	<b>0.0217</b>	NR	<b>0.00687</b>	<b>0.423</b>
10/10/08 <sup>6</sup>	<b>489</b>	<b>179</b>	<b>0.0116</b>	<0.0010	<b>0.0902</b>	<b>3.12<sup>E</sup></b>	<b>0.816</b>	<b>0.00249</b>	<0.0010	<b>0.0210</b>	NR	<b>0.00628</b>	<b>0.340</b>
11/13/08 <sup>7</sup>	<b>308</b>	<b>186</b>	<b>0.0110</b>	<0.0010	<b>0.0902</b>	<b>1.900<sup>E</sup></b>	<b>0.546</b>	<b>0.00316</b>	<0.0010	<b>0.0255</b>	NR	<b>0.00810</b>	<b>0.343</b>
12/23/08	<b>186</b>	<b>99</b>	<b>0.00622</b>	<0.0010	<b>0.0909</b>	<b>1.320</b>	<0.010	<b>0.00491</b>	<0.0010	<b>0.0229</b>	NR	<b>0.00723</b>	<b>0.380</b>
2/6/2009 <sup>8</sup>	<b>75.50</b>	<b>104</b>	<b>0.00481</b>	<0.0010	<b>0.0742</b>	<b>0.321</b>	<b>0.430</b>	<b>0.00233</b>	<0.0010	<b>0.0196</b>	NR	<b>0.00630</b>	<b>0.362</b>
04/24/09	<0.050	<b>30</b>	<b>0.00145</b>	<0.0010	<b>0.0234</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00879</b>	NR	<b>0.00283</b>	<b>0.114</b>
06/03/09	<0.050	<b>78.5</b>	<b>0.00277</b>	<0.0010	<b>0.0485</b>	<0.050	<0.010	<b>0.00202</b>	<0.0010	<b>0.0154</b>	NR	<b>0.00465</b>	<b>0.225</b>
8/10/09 <sup>9</sup>	<0.050	<b>90.8</b>	<b>0.00337</b>	<0.0010	<b>0.0599</b>	<0.050	<0.010	<b>0.00243</b>	<0.0010	<b>0.0174</b>	NR	<b>0.00559</b>	<b>0.234</b>
10/02/09	<0.050	<b>49.6</b>	<b>0.00322</b>	<0.0010	<b>0.0475</b>	<0.050	<0.010	<b>0.00188</b>	<0.0010	<b>0.0141</b>	NR	<b>0.00450</b>	<b>0.184</b>
12/07/09	<0.050	<b>43.6</b>	<b>0.00302</b>	<0.0010	<b>0.0521</b>	<0.050	<0.010	<b>0.00201</b>	<0.0010	<b>0.0152</b>	NR	<b>0.00475</b>	<b>0.213</b>
2/26/10 <sup>10</sup>	<0.050	<b>2.44</b>	<0.0010	<0.0010	<b>0.00931</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00307</b>	NR	<b>0.00114</b>	<b>0.0292</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories; this lab also reported 2-hexanone (0.00116J mg/L), isopropylbenzene (0.00216 mg/L), and methylene chloride (0.000720 mg/L) in the 7/1/08 sample, and 2-hexanone (0.0123 mg/L), carbon disulfide (0.00174 mg/L), isopropylbenzene (0.00145J mg/L), and methylene chloride (0.000830 mg/L) in the 9/9/08 sample.

<sup>4</sup> Sample also contained isopropylbenzene at 0.00289 mg/L and p-isopropyltoluene at 0.00190 mg/L.

<sup>5</sup> Sample also contained isopropylbenzene at 0.00132 mg/L

<sup>6</sup> Sample also contained isopropylbenzene at 0.00138 mg/L

<sup>7</sup> Sample also contained isopropylbenzene at 0.00158 mg/L

<sup>8</sup> Sample also contained isopropylbenzene at 0.00133 mg/L

<sup>9</sup> Sample also contained isopropylbenzene at 0.00112 mg/L

<sup>10</sup> Sample also contained isopropylbenzene at 0.00100 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high (for TDEH lab results: estimated value)

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>J6</sup> Matrix Interference, spike value too low

Table 1: Summary of Analytical Results Continued Liberty Creek and Harpeth River Seeps Results in mg/L													
Sampling Location Watergate (Upstream of Main Seep)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloroethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloroethene (PCE)	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
11/09/07	<0.50	11	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	0.053	<0.050	<0.050	<0.050	<0.15
12/10/07	<1.2	4.2	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
01/28/08	0.52	2.6	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
02/15/08	<1.0	4.3 <sup>E</sup>	<0.020	<0.020	<0.020	<0.20	<0.20	<0.020	<0.020	<0.020	<0.020	<0.020	<0.060
04/02/08	3.0 <sup>E</sup>	7.0	<0.0010	<0.0010	0.0016	<0.010	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0069
05/07/08	<0.5	3.0 <sup>E</sup>	<0.010	<0.010	<0.010	<0.10	<0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.030
06/03/08	0.12	5.9	<0.0010	<0.0010	0.0018	<0.010	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0068
07/01/08 <sup>1</sup>	<50	180	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/01/08 <sup>2</sup>	0.642	15.1	<0.005	<0.005	<0.005	<0.250	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015
07/01/08 <sup>3</sup>	0.568	18.8	0.00080	<0.00034	0.00564	<0.0075	<0.00068	<0.00023	<0.00050	0.00260	NR	0.00188	0.02008
09/09/08 <sup>4</sup>	0.0986	13.5 <sup>B1</sup>	<0.0010	<0.0010	0.00202	<0.050	<0.010	<0.0010	<0.0010	0.00183	NR	<0.0010	0.00893
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08	<2.5 <sup>RL1</sup>	17.90	<0.0010	<0.0010	0.00698	<0.050	<0.010	<0.0010	<0.0010	0.00196	NR	<0.0010	0.0229
11/13/08	<0.050	15.80	<0.0010	<0.0010	0.00508	<0.050	<0.010	<0.0010	<0.0010	0.00160	NR	<0.0010	0.0174
12/23/08	<0.050	2.750	<0.0010	<0.0010	0.00105	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00327
02/06/09	<0.050	2.750	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00312
04/24/09	2.540	5.370	<0.0010	<0.0010	0.00205	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00926
06/03/09	1.180	12.200	<0.0010	<0.0010	0.00518	<0.050	<0.010	<0.0010	<0.0010	0.00122	NR	<0.0010	0.0177
08/10/09	0.187	4.550	<0.0010	<0.0010	0.00153	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00603
10/22/09	<0.050	3.270	<0.0010	<0.0010	0.00124	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00480
12/07/09	0.933	7.400	<0.0010	<0.0010	0.00339	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.0138
02/26/10	0.136	2.530	<0.0010	<0.0010	0.00111	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00432

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level      NR - Not Reported

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories

<sup>4</sup> Sample also contained isopropylbenzene at 0.00151 mg/L and p-isopropyltoluene at 0.00177 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to matrix effects.

**Table 1: Summary of Analytical Results Continued**  
**Liberty Creek and Harpeth River Seeps**  
**Results in mg/L**

Sampling Location HR-DS-LC (Harpeth River Downstream of Liberty Creek)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
11/13/08	<0.050	<b>0.0505</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
12/23/08	<0.050	<b>0.00851</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
02/06/09	<0.050	<b>0.0249</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
04/24/09	<b>0.0678</b>	<b>0.0288</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
06/03/09	<0.050	<b>0.0260</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
08/10/09	<0.050	<b>0.0252</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
10/22/09	<0.050	<b>0.0130</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
12/07/09	<0.050	<b>0.00806</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
02/26/10	<0.050	<b>0.0116</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to matrix effects.

March 08, 2010      5:21:08PM

Client: TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn: Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Nbr: 07-Elm01-01  
P/O Nbr: 07-ELM01-01  
Date Received: 02/26/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
HR-2	NTB2234-01	02/26/10 14:15
HR-DS-LC	NTB2234-02	02/26/10 14:40
LC-MS	NTB2234-03	02/26/10 13:50
LC-PC	NTB2234-04	02/26/10 13:40
Watergate	NTB2234-05	02/26/10 14:00
Trip	NTB2234-06	02/26/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Tennessee Certification Number: 02008

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

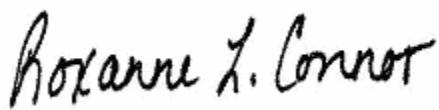
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Roxanne Connor

Program Manager - Conventional Accounts

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-01 (HR-2 - Ground Water) Sampled: 02/26/10 14:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	03/01/10 18:07	SW846 8260B	10C0062
Benzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Bromobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Bromochloromethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Bromodichloromethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Bromoform	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Bromomethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
2-Butanone	ND		ug/L	50.0	1	03/01/10 18:07	SW846 8260B	10C0062
sec-Butylbenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
n-Butylbenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
tert-Butylbenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Carbon disulfide	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Carbon Tetrachloride	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Chlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Chlorodibromomethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Chloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Chloroform	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Chloromethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
2-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
4-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Dibromomethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1-Dichloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2-Dichloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1-Dichloroethene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,3-Dichloropropane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
2,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1-Dichloropropene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Ethylbenzene	<b>9.31</b>		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Hexachlorobutadiene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
2-Hexanone	ND		ug/L	50.0	1	03/01/10 18:07	SW846 8260B	10C0062
Isopropylbenzene	<b>1.00</b>		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
p-Isopropyltoluene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-01 (HR-2 - Ground Water) - cont. Sampled: 02/26/10 14:15</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Methylene Chloride	ND		ug/L	5.00	1	03/01/10 18:07	SW846 8260B	10C0062
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/01/10 18:07	SW846 8260B	10C0062
Naphthalene	ND		ug/L	5.00	1	03/01/10 18:07	SW846 8260B	10C0062
n-Propylbenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Styrene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Tetrachloroethene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Toluene	<b>2440</b>		ug/L	20.0	20	03/03/10 03:13	SW846 8260B	10C0370
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Trichloroethene	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Trichlorofluoromethane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,3,5-Trimethylbenzene	<b>1.14</b>		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
1,2,4-Trimethylbenzene	<b>3.07</b>		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Vinyl chloride	ND		ug/L	1.00	1	03/01/10 18:07	SW846 8260B	10C0062
Xylenes, total	<b>29.2</b>		ug/L	3.00	1	03/01/10 18:07	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	105 %					03/01/10 18:07	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	105 %					03/03/10 03:13	SW846 8260B	10C0370
Surr: Dibromofluoromethane (73-131%)	101 %					03/01/10 18:07	SW846 8260B	10C0062
Surr: Dibromofluoromethane (73-131%)	101 %					03/03/10 03:13	SW846 8260B	10C0370
Surr: Toluene-d8 (80-120%)	95 %					03/01/10 18:07	SW846 8260B	10C0062
Surr: Toluene-d8 (80-120%)	96 %					03/03/10 03:13	SW846 8260B	10C0370
Surr: 4-Bromofluorobenzene (79-125%)	103 %					03/01/10 18:07	SW846 8260B	10C0062
Surr: 4-Bromofluorobenzene (79-125%)	102 %					03/03/10 03:13	SW846 8260B	10C0370

Client	TriAD Env. Consultants (6921)	Work Order:	NTB2234
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-02 (HR-DS-LC - Ground Water) Sampled: 02/26/10 14:40</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	03/03/10 01:51	SW846 8260B	10C0370
Benzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Bromobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Bromochloromethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Bromodichloromethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Bromoform	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Bromomethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
2-Butanone	ND		ug/L	50.0	1	03/03/10 01:51	SW846 8260B	10C0370
sec-Butylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
n-Butylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
tert-Butylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Carbon disulfide	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Carbon Tetrachloride	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Chlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Chlorodibromomethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Chloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Chloroform	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Chloromethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
2-Chlorotoluene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
4-Chlorotoluene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Dibromomethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1-Dichloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2-Dichloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1-Dichloroethene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,3-Dichloropropane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2-Dichloropropane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
2,2-Dichloropropane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1-Dichloropropene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Ethylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Hexachlorobutadiene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
2-Hexanone	ND		ug/L	50.0	1	03/03/10 01:51	SW846 8260B	10C0370
Isopropylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
p-Isopropyltoluene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NTB2234  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-02 (HR-DS-LC - Ground Water) - cont. Sampled: 02/26/10 14:40</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Methylene Chloride	ND		ug/L	5.00	1	03/03/10 01:51	SW846 8260B	10C0370
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/03/10 01:51	SW846 8260B	10C0370
Naphthalene	ND		ug/L	5.00	1	03/03/10 01:51	SW846 8260B	10C0370
n-Propylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Styrene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Tetrachloroethene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Toluene	<b>11.6</b>		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Trichloroethene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Trichlorofluoromethane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Vinyl chloride	ND		ug/L	1.00	1	03/03/10 01:51	SW846 8260B	10C0370
Xylenes, total	ND		ug/L	3.00	1	03/03/10 01:51	SW846 8260B	10C0370
Surr: 1,2-Dichloroethane-d4 (63-140%)	107 %					03/03/10 01:51	SW846 8260B	10C0370
Surr: Dibromofluoromethane (73-131%)	103 %					03/03/10 01:51	SW846 8260B	10C0370
Surr: Toluene-d8 (80-120%)	101 %					03/03/10 01:51	SW846 8260B	10C0370
Surr: 4-Bromofluorobenzene (79-125%)	100 %					03/03/10 01:51	SW846 8260B	10C0370

## Sample ID: NTB2234-03 (LC-MS - Ground Water) Sampled: 02/26/10 13:50

Volatile Organic Compounds by EPA Method 8260B

Acetone	<b>4510</b>		ug/L	2500	50	03/03/10 04:35	SW846 8260B	10C0370
Benzene	<b>3.12</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Bromobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Bromochloromethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Bromodichloromethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Bromoform	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Bromomethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
2-Butanone	<b>92.6</b>		ug/L	50.0	1	03/01/10 19:02	SW846 8260B	10C0062
sec-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
n-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
tert-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Carbon disulfide	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Carbon Tetrachloride	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Chlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Chlorodibromomethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Chloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NTB2234  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-03 (LC-MS - Ground Water) - cont. Sampled: 02/26/10 13:50</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	<b>1.08</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Chloromethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
2-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
4-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Dibromomethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,3-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
2,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Ethylbenzene	<b>69.5</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Hexachlorobutadiene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
2-Hexanone	ND		ug/L	50.0	1	03/01/10 19:02	SW846 8260B	10C0062
Isopropylbenzene	<b>1.91</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
p-Isopropyltoluene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Methylene Chloride	ND		ug/L	5.00	1	03/01/10 19:02	SW846 8260B	10C0062
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/01/10 19:02	SW846 8260B	10C0062
Naphthalene	ND		ug/L	5.00	1	03/01/10 19:02	SW846 8260B	10C0062
n-Propylbenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Styrene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Tetrachloroethene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Toluene	<b>137000</b>		ug/L	1000	1000	03/03/10 05:03	SW846 8260B	10C0370
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Trichloroethene	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Trichlorofluoromethane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-03 (LC-MS - Ground Water) - cont. Sampled: 02/26/10 13:50</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,3,5-Trimethylbenzene	<b>4.48</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
1,2,4-Trimethylbenzene	<b>13.8</b>		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Vinyl chloride	ND		ug/L	1.00	1	03/01/10 19:02	SW846 8260B	10C0062
Xylenes, total	<b>277</b>		ug/L	3.00	1	03/01/10 19:02	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	106 %					03/01/10 19:02	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	108 %					03/03/10 04:35	SW846 8260B	10C0370
Surr: 1,2-Dichloroethane-d4 (63-140%)	107 %					03/03/10 05:03	SW846 8260B	10C0370
Surr: Dibromofluoromethane (73-131%)	100 %					03/01/10 19:02	SW846 8260B	10C0062
Surr: Dibromofluoromethane (73-131%)	103 %					03/03/10 04:35	SW846 8260B	10C0370
Surr: Dibromofluoromethane (73-131%)	104 %					03/03/10 05:03	SW846 8260B	10C0370
Surr: Toluene-d8 (80-120%)	25 %	ZX				03/01/10 19:02	SW846 8260B	10C0062
Surr: Toluene-d8 (80-120%)	90 %					03/03/10 04:35	SW846 8260B	10C0370
Surr: Toluene-d8 (80-120%)	98 %					03/03/10 05:03	SW846 8260B	10C0370
Surr: 4-Bromoarobenzene (79-125%)	98 %					03/01/10 19:02	SW846 8260B	10C0062
Surr: 4-Bromoarobenzene (79-125%)	101 %					03/03/10 04:35	SW846 8260B	10C0370
Surr: 4-Bromoarobenzene (79-125%)	98 %					03/03/10 05:03	SW846 8260B	10C0370

## Sample ID: NTB2234-04 (LC-PC - Ground Water) Sampled: 02/26/10 13:40

Volatile Organic Compounds by EPA Method 8260B

Acetone	<b>181</b>		ug/L	50.0	1	03/01/10 19:29	SW846 8260B	10C0062
Benzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Bromobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Bromochloromethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Bromodichloromethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Bromoform	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Bromomethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
2-Butanone	ND		ug/L	50.0	1	03/01/10 19:29	SW846 8260B	10C0062
sec-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
n-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
tert-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Carbon disulfide	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Carbon Tetrachloride	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Chlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Chlorodibromomethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Chloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Chloroform	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Chloromethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
2-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
4-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Dibromomethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-04 (LC-PC - Ground Water) - cont. Sampled: 02/26/10 13:40</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,3-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
2,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Ethylbenzene	<b>1.60</b>		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Hexachlorobutadiene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
2-Hexanone	ND		ug/L	50.0	1	03/01/10 19:29	SW846 8260B	10C0062
Isopropylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
p-Isopropyltoluene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Methylene Chloride	ND		ug/L	5.00	1	03/01/10 19:29	SW846 8260B	10C0062
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/01/10 19:29	SW846 8260B	10C0062
Naphthalene	ND		ug/L	5.00	1	03/01/10 19:29	SW846 8260B	10C0062
n-Propylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Styrene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Tetrachloroethene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Toluene	<b>3170</b>		ug/L	20.0	20	03/03/10 03:41	SW846 8260B	10C0370
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Trichloroethene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Trichlorofluoromethane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Vinyl chloride	ND		ug/L	1.00	1	03/01/10 19:29	SW846 8260B	10C0062
Xylenes, total	<b>6.99</b>		ug/L	3.00	1	03/01/10 19:29	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	100 %					03/01/10 19:29	SW846 8260B	10C0062
Surr: 1,2-Dichloroethane-d4 (63-140%)	107 %					03/03/10 03:41	SW846 8260B	10C0370
Surr: Dibromofluoromethane (73-131%)	95 %					03/01/10 19:29	SW846 8260B	10C0062
Surr: Dibromofluoromethane (73-131%)	101 %					03/03/10 03:41	SW846 8260B	10C0370

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
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**Sample ID: NTB2234-04 (LC-PC - Ground Water) - cont. Sampled: 02/26/10 13:40**

Volatile Organic Compounds by EPA Method 8260B - cont.

Surr: Toluene-d8 (80-120%)	98 %					03/01/10 19:29	SW846 8260B	10C0062
Surr: Toluene-d8 (80-120%)	96 %					03/03/10 03:41	SW846 8260B	10C0370
Surr: 4-Bromo fluoro benzene (79-125%)	102 %					03/01/10 19:29	SW846 8260B	10C0062
Surr: 4-Bromo fluoro benzene (79-125%)	101 %					03/03/10 03:41	SW846 8260B	10C0370

**Sample ID: NTB2234-05 (Watergate - Ground Water) Sampled: 02/26/10 14:00**

Volatile Organic Compounds by EPA Method 8260B

Acetone	136		ug/L	50.0	1	03/01/10 19:56	SW846 8260B	10C0062
Benzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Bromobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Bromochloromethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Bromodichloromethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Bromoform	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Bromomethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
2-Butanone	ND		ug/L	50.0	1	03/01/10 19:56	SW846 8260B	10C0062
sec-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
n-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
tert-Butylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Carbon disulfide	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Carbon Tetrachloride	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Chlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Chlorodibromomethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Chloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Chloroform	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Chloromethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
2-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
4-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Dibromomethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2-Dichloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,3-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
2,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062

Client	TriAD Env. Consultants (6921)	Work Order:	NTB2234
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-05 (Watergate - Ground Water) - cont. Sampled: 02/26/10 14:00</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloropropene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Ethylbenzene	<b>1.11</b>		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Hexachlorobutadiene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
2-Hexanone	ND		ug/L	50.0	1	03/01/10 19:56	SW846 8260B	10C0062
Isopropylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
p-Isopropyltoluene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Methylene Chloride	ND		ug/L	5.00	1	03/01/10 19:56	SW846 8260B	10C0062
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/01/10 19:56	SW846 8260B	10C0062
Naphthalene	ND		ug/L	5.00	1	03/01/10 19:56	SW846 8260B	10C0062
n-Propylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Styrene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Tetrachloroethene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Toluene	<b>2530</b>		ug/L	20.0	20	03/03/10 04:08	SW846 8260B	10C0370
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Trichloroethene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Trichlorofluoromethane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Vinyl chloride	ND		ug/L	1.00	1	03/01/10 19:56	SW846 8260B	10C0062
Xylenes, total	<b>4.32</b>		ug/L	3.00	1	03/01/10 19:56	SW846 8260B	10C0062
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>102 %</i>					<i>03/01/10 19:56</i>	<i>SW846 8260B</i>	<i>10C0062</i>
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>106 %</i>					<i>03/03/10 04:08</i>	<i>SW846 8260B</i>	<i>10C0370</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>95 %</i>					<i>03/01/10 19:56</i>	<i>SW846 8260B</i>	<i>10C0062</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>103 %</i>					<i>03/03/10 04:08</i>	<i>SW846 8260B</i>	<i>10C0370</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>99 %</i>					<i>03/01/10 19:56</i>	<i>SW846 8260B</i>	<i>10C0062</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>99 %</i>					<i>03/03/10 04:08</i>	<i>SW846 8260B</i>	<i>10C0370</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>103 %</i>					<i>03/01/10 19:56</i>	<i>SW846 8260B</i>	<i>10C0062</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>98 %</i>					<i>03/03/10 04:08</i>	<i>SW846 8260B</i>	<i>10C0370</i>

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-06 (Trip - Ground Water) Sampled: 02/26/10 00:01</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	03/01/10 12:39	SW846 8260B	10C0062
Benzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Bromobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Bromochloromethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Bromodichloromethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Bromoform	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Bromomethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
2-Butanone	ND		ug/L	50.0	1	03/01/10 12:39	SW846 8260B	10C0062
sec-Butylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
n-Butylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
tert-Butylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Carbon disulfide	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Carbon Tetrachloride	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Chlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Chlorodibromomethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Chloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Chloroform	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Chloromethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
2-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
4-Chlorotoluene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Dibromomethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,4-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,3-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2-Dichlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Dichlorodifluoromethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1-Dichloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2-Dichloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1-Dichloroethene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,3-Dichloropropane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
2,2-Dichloropropane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1-Dichloropropene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Ethylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Hexachlorobutadiene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
2-Hexanone	ND		ug/L	50.0	1	03/01/10 12:39	SW846 8260B	10C0062
Isopropylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
p-Isopropyltoluene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062

Client	TriAD Env. Consultants (6921)	Work Order:	NTB2234
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	02/26/10 15:44

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTB2234-06 (Trip - Ground Water) - cont. Sampled: 02/26/10 00:01</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Methylene Chloride	ND		ug/L	5.00	1	03/01/10 12:39	SW846 8260B	10C0062
4-Methyl-2-pentanone	ND		ug/L	10.0	1	03/01/10 12:39	SW846 8260B	10C0062
Naphthalene	ND		ug/L	5.00	1	03/01/10 12:39	SW846 8260B	10C0062
n-Propylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Styrene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Tetrachloroethene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Toluene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1,2-Trichloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,1,1-Trichloroethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Trichloroethene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Trichlorofluoromethane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2,3-Trichloropropane	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Vinyl chloride	ND		ug/L	1.00	1	03/01/10 12:39	SW846 8260B	10C0062
Xylenes, total	ND		ug/L	3.00	1	03/01/10 12:39	SW846 8260B	10C0062
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	104 %					03/01/10 12:39	SW846 8260B	10C0062
<i>Surr: Dibromofluoromethane (73-131%)</i>	99 %					03/01/10 12:39	SW846 8260B	10C0062
<i>Surr: Toluene-d8 (80-120%)</i>	107 %					03/01/10 12:39	SW846 8260B	10C0062
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	103 %					03/01/10 12:39	SW846 8260B	10C0062

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>10C0062-BLK1</b>						
Acetone	<25.0		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Benzene	<0.410		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Bromobenzene	<0.360		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Bromochloromethane	<0.470		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Bromodichloromethane	<0.270		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Bromoform	<0.430		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Bromomethane	<0.300		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
2-Butanone	<2.10		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
sec-Butylbenzene	<0.360		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
n-Butylbenzene	0.760		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
tert-Butylbenzene	<0.380		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Carbon disulfide	<0.360		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Carbon Tetrachloride	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Chlorobenzene	<0.220		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Chlorodibromomethane	<0.260		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Chloroethane	<0.460		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Chloroform	<0.250		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Chloromethane	<0.390		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
2-Chlorotoluene	<0.510		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
4-Chlorotoluene	<0.510		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2-Dibromo-3-chloropropane	<0.860		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2-Dibromoethane (EDB)	<0.460		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Dibromomethane	<0.410		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,4-Dichlorobenzene	<0.430		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,3-Dichlorobenzene	<0.320		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2-Dichlorobenzene	<0.400		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Dichlorodifluoromethane	<0.190		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1-Dichloroethane	<0.340		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2-Dichloroethane	<0.350		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
cis-1,2-Dichloroethene	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1-Dichloroethene	<0.220		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
trans-1,2-Dichloroethene	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,3-Dichloropropane	<0.270		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2-Dichloropropane	<0.240		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
2,2-Dichloropropane	<0.300		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
cis-1,3-Dichloropropene	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
trans-1,3-Dichloropropene	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1-Dichloropropene	<0.260		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Ethylbenzene	<0.350		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Hexachlorobutadiene	3.09		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
2-Hexanone	<1.40		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>10C0062-BLK1</b>						
Isopropylbenzene	<0.400		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
p-Isopropyltoluene	<0.330		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Methyl tert-Butyl Ether	<0.320		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Methylene Chloride	<0.480		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
4-Methyl-2-pentanone	<1.40		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Naphthalene	4.88		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
n-Propylbenzene	<0.390		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Styrene	<0.260		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1,1,2-Tetrachloroethane	<0.200		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1,2,2-Tetrachloroethane	<0.360		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Tetrachloroethene	<0.320		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Toluene	<0.350		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2,3-Trichlorobenzene	2.89		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2,4-Trichlorobenzene	3.25		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1,2-Trichloroethane	<0.320		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,1,1-Trichloroethane	<0.190		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Trichloroethene	<0.260		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Trichlorofluoromethane	<0.220		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2,3-Trichloropropane	<0.470		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,3,5-Trimethylbenzene	<0.360		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
1,2,4-Trimethylbenzene	<0.320		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Vinyl chloride	<0.220		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Xylenes, total	<0.730		ug/L	10C0062	10C0062-BLK1	03/01/10 12:07
Surrogate: 1,2-Dichloroethane-d4	102%			10C0062	10C0062-BLK1	03/01/10 12:07
Surrogate: Dibromofluoromethane	100%			10C0062	10C0062-BLK1	03/01/10 12:07
Surrogate: Toluene-d8	107%			10C0062	10C0062-BLK1	03/01/10 12:07
Surrogate: 4-Bromofluorobenzene	100%			10C0062	10C0062-BLK1	03/01/10 12:07
<b>10C0370-BLK1</b>						
Acetone	<25.0		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Benzene	<0.410		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Bromobenzene	<0.360		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Bromochloromethane	<0.470		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Bromodichloromethane	<0.270		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Bromoform	<0.430		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Bromomethane	<0.300		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
2-Butanone	<2.10		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
sec-Butylbenzene	<0.360		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
n-Butylbenzene	0.740		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
tert-Butylbenzene	<0.380		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Carbon disulfide	<0.360		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>10C0370-BLK1</b>						
Carbon Tetrachloride	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Chlorobenzene	<0.220		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Chlorodibromomethane	<0.260		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Chloroethane	<0.460		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Chloroform	0.270		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Chloromethane	<0.390		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
2-Chlorotoluene	<0.510		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
4-Chlorotoluene	<0.510		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2-Dibromo-3-chloropropane	<0.860		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2-Dibromoethane (EDB)	<0.460		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Dibromomethane	<0.410		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,4-Dichlorobenzene	<0.430		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,3-Dichlorobenzene	<0.320		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2-Dichlorobenzene	<0.400		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Dichlorodifluoromethane	<0.190		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1-Dichloroethane	<0.340		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2-Dichloroethane	<0.350		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
cis-1,2-Dichloroethene	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1-Dichloroethene	<0.220		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
trans-1,2-Dichloroethene	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,3-Dichloropropane	<0.270		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2-Dichloropropane	<0.240		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
2,2-Dichloropropane	<0.300		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
cis-1,3-Dichloropropene	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
trans-1,3-Dichloropropene	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1-Dichloropropene	<0.260		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Ethylbenzene	<0.350		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Hexachlorobutadiene	2.50		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
2-Hexanone	<1.40		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Isopropylbenzene	<0.400		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
p-Isopropyltoluene	<0.330		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Methyl tert-Butyl Ether	<0.320		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Methylene Chloride	1.53		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
4-Methyl-2-pentanone	<1.40		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Naphthalene	<0.380		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
n-Propylbenzene	<0.390		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Styrene	<0.260		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1,1,2-Tetrachloroethane	<0.200		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1,2,2-Tetrachloroethane	<0.360		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Tetrachloroethene	<0.320		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Toluene	<0.350		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24

Client    TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn     Chris Scott

Work Order:    NTB2234  
 Project Name:    Elmco  
 Project Number:    07-Elm01-01  
 Received:    02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>10C0370-BLK1</b>						
1,2,3-Trichlorobenzene	2.92		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2,4-Trichlorobenzene	3.35		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1,2-Trichloroethane	<0.320		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,1,1-Trichloroethane	<0.190		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Trichloroethylene	<0.260		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Trichlorofluoromethane	<0.220		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2,3-Trichloropropane	<0.470		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,3,5-Trimethylbenzene	<0.360		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
1,2,4-Trimethylbenzene	<0.320		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Vinyl chloride	<0.220		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Xylenes, total	<0.730		ug/L	10C0370	10C0370-BLK1	03/03/10 01:24
Surrogate: 1,2-Dichloroethane-d4	104%			10C0370	10C0370-BLK1	03/03/10 01:24
Surrogate: Dibromofluoromethane	102%			10C0370	10C0370-BLK1	03/03/10 01:24
Surrogate: Toluene-d8	100%			10C0370	10C0370-BLK1	03/03/10 01:24
Surrogate: 4-Bromofluorobenzene	97%			10C0370	10C0370-BLK1	03/03/10 01:24

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
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Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10C0062-BS1</b>								
Acetone	250	310		ug/L	124%	56 - 150	10C0062	03/01/10 10:45
Benzene	50.0	50.4		ug/L	101%	80 - 121	10C0062	03/01/10 10:45
Bromobenzene	50.0	53.7		ug/L	107%	72 - 130	10C0062	03/01/10 10:45
Bromochloromethane	50.0	47.8		ug/L	96%	73 - 137	10C0062	03/01/10 10:45
Bromodichloromethane	50.0	52.4		ug/L	105%	75 - 131	10C0062	03/01/10 10:45
Bromoform	50.0	48.6		ug/L	97%	65 - 140	10C0062	03/01/10 10:45
Bromomethane	50.0	43.6		ug/L	87%	50 - 150	10C0062	03/01/10 10:45
2-Butanone	250	264		ug/L	106%	70 - 144	10C0062	03/01/10 10:45
sec-Butylbenzene	50.0	55.1		ug/L	110%	72 - 140	10C0062	03/01/10 10:45
n-Butylbenzene	50.0	56.0		ug/L	112%	68 - 140	10C0062	03/01/10 10:45
tert-Butylbenzene	50.0	52.6		ug/L	105%	76 - 135	10C0062	03/01/10 10:45
Carbon disulfide	50.0	49.9		ug/L	100%	74 - 137	10C0062	03/01/10 10:45
Carbon Tetrachloride	50.0	53.5		ug/L	107%	71 - 137	10C0062	03/01/10 10:45
Chlorobenzene	50.0	51.9		ug/L	104%	80 - 121	10C0062	03/01/10 10:45
Chlorodibromomethane	50.0	49.2		ug/L	98%	68 - 137	10C0062	03/01/10 10:45
Chloroethane	50.0	45.3		ug/L	91%	50 - 146	10C0062	03/01/10 10:45
Chloroform	50.0	49.4		ug/L	99%	73 - 131	10C0062	03/01/10 10:45
Chloromethane	50.0	52.9		ug/L	106%	30 - 132	10C0062	03/01/10 10:45
2-Chlorotoluene	50.0	56.6		ug/L	113%	74 - 135	10C0062	03/01/10 10:45
4-Chlorotoluene	50.0	56.4		ug/L	113%	74 - 132	10C0062	03/01/10 10:45
1,2-Dibromo-3-chloropropane	50.0	45.5		ug/L	91%	56 - 145	10C0062	03/01/10 10:45
1,2-Dibromoethane (EDB)	50.0	58.0		ug/L	116%	80 - 135	10C0062	03/01/10 10:45
Dibromomethane	50.0	50.3		ug/L	101%	78 - 133	10C0062	03/01/10 10:45
1,4-Dichlorobenzene	50.0	50.1		ug/L	100%	80 - 120	10C0062	03/01/10 10:45
1,3-Dichlorobenzene	50.0	55.0		ug/L	110%	80 - 128	10C0062	03/01/10 10:45
1,2-Dichlorobenzene	50.0	53.8		ug/L	108%	80 - 125	10C0062	03/01/10 10:45
Dichlorodifluoromethane	50.0	44.6		ug/L	89%	30 - 132	10C0062	03/01/10 10:45
1,1-Dichloroethane	50.0	50.8		ug/L	102%	75 - 125	10C0062	03/01/10 10:45
1,2-Dichloroethane	50.0	49.2		ug/L	98%	70 - 134	10C0062	03/01/10 10:45
cis-1,2-Dichloroethene	50.0	50.9		ug/L	102%	71 - 132	10C0062	03/01/10 10:45
1,1-Dichloroethene	50.0	48.3		ug/L	97%	73 - 125	10C0062	03/01/10 10:45
trans-1,2-Dichloroethene	50.0	49.5		ug/L	99%	77 - 125	10C0062	03/01/10 10:45
1,3-Dichloropropane	50.0	55.7		ug/L	111%	76 - 125	10C0062	03/01/10 10:45
1,2-Dichloropropane	50.0	49.0		ug/L	98%	72 - 120	10C0062	03/01/10 10:45
2,2-Dichloropropane	50.0	56.9		ug/L	114%	50 - 150	10C0062	03/01/10 10:45
cis-1,3-Dichloropropene	50.0	63.0		ug/L	126%	70 - 140	10C0062	03/01/10 10:45
trans-1,3-Dichloropropene	50.0	47.7		ug/L	95%	62 - 139	10C0062	03/01/10 10:45
1,1-Dichloropropene	50.0	51.2		ug/L	102%	78 - 126	10C0062	03/01/10 10:45
Ethylbenzene	50.0	59.0		ug/L	118%	78 - 133	10C0062	03/01/10 10:45
Hexachlorobutadiene	50.0	55.7	B	ug/L	111%	70 - 150	10C0062	03/01/10 10:45
2-Hexanone	250	262		ug/L	105%	60 - 150	10C0062	03/01/10 10:45

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10C0062-BS1</b>								
Isopropylbenzene	50.0	58.3		ug/L	117%	69 - 120	10C0062	03/01/10 10:45
p-Isopropyltoluene	50.0	53.2		ug/L	106%	72 - 134	10C0062	03/01/10 10:45
Methyl tert-Butyl Ether	50.0	55.6		ug/L	111%	76 - 120	10C0062	03/01/10 10:45
Methylene Chloride	50.0	49.0		ug/L	98%	80 - 133	10C0062	03/01/10 10:45
4-Methyl-2-pentanone	250	272		ug/L	109%	62 - 146	10C0062	03/01/10 10:45
Naphthalene	50.0	54.0		ug/L	108%	71 - 139	10C0062	03/01/10 10:45
n-Propylbenzene	50.0	55.0		ug/L	110%	70 - 143	10C0062	03/01/10 10:45
Styrene	50.0	54.7		ug/L	109%	80 - 136	10C0062	03/01/10 10:45
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/L	113%	80 - 130	10C0062	03/01/10 10:45
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/L	103%	73 - 131	10C0062	03/01/10 10:45
Tetrachloroethene	50.0	53.8		ug/L	108%	77 - 131	10C0062	03/01/10 10:45
Toluene	50.0	52.7		ug/L	105%	78 - 125	10C0062	03/01/10 10:45
1,2,3-Trichlorobenzene	50.0	56.4	B	ug/L	113%	71 - 138	10C0062	03/01/10 10:45
1,2,4-Trichlorobenzene	50.0	51.6	B	ug/L	103%	74 - 136	10C0062	03/01/10 10:45
1,1,2-Trichloroethane	50.0	52.6		ug/L	105%	80 - 123	10C0062	03/01/10 10:45
1,1,1-Trichloroethane	50.0	52.8		ug/L	106%	75 - 137	10C0062	03/01/10 10:45
Trichloroethene	50.0	50.3		ug/L	101%	74 - 139	10C0062	03/01/10 10:45
Trichlorofluoromethane	50.0	47.5		ug/L	95%	60 - 133	10C0062	03/01/10 10:45
1,2,3-Trichloropropane	50.0	47.6		ug/L	95%	64 - 127	10C0062	03/01/10 10:45
1,3,5-Trimethylbenzene	50.0	53.2		ug/L	106%	75 - 134	10C0062	03/01/10 10:45
1,2,4-Trimethylbenzene	50.0	52.9		ug/L	106%	77 - 134	10C0062	03/01/10 10:45
Vinyl chloride	50.0	50.8		ug/L	102%	60 - 122	10C0062	03/01/10 10:45
Xylenes, total	150	176		ug/L	117%	78 - 134	10C0062	03/01/10 10:45
Surrogate: 1,2-Dichloroethane-d4	25.0	24.0			96%	63 - 140	10C0062	03/01/10 10:45
Surrogate: Dibromofluoromethane	25.0	24.6			99%	73 - 131	10C0062	03/01/10 10:45
Surrogate: Toluene-d8	25.0	25.6			103%	80 - 120	10C0062	03/01/10 10:45
Surrogate: 4-Bromofluorobenzene	25.0	25.7			103%	79 - 125	10C0062	03/01/10 10:45
<b>10C0370-BS1</b>								
Acetone	250	253		ug/L	101%	56 - 150	10C0370	03/03/10 00:02
Benzene	50.0	51.6		ug/L	103%	80 - 121	10C0370	03/03/10 00:02
Bromobenzene	50.0	52.3		ug/L	105%	72 - 130	10C0370	03/03/10 00:02
Bromochloromethane	50.0	51.7		ug/L	103%	73 - 137	10C0370	03/03/10 00:02
Bromodichloromethane	50.0	57.8		ug/L	116%	75 - 131	10C0370	03/03/10 00:02
Bromoform	50.0	54.5		ug/L	109%	65 - 140	10C0370	03/03/10 00:02
Bromomethane	50.0	42.4		ug/L	85%	50 - 150	10C0370	03/03/10 00:02
2-Butanone	250	271		ug/L	108%	70 - 144	10C0370	03/03/10 00:02
sec-Butylbenzene	50.0	52.6		ug/L	105%	72 - 140	10C0370	03/03/10 00:02
n-Butylbenzene	50.0	51.0		ug/L	102%	68 - 140	10C0370	03/03/10 00:02
tert-Butylbenzene	50.0	52.5		ug/L	105%	76 - 135	10C0370	03/03/10 00:02
Carbon disulfide	50.0	48.0		ug/L	96%	74 - 137	10C0370	03/03/10 00:02

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NTB2234  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10C0370-BS1</b>								
Carbon Tetrachloride	50.0	59.0		ug/L	118%	71 - 137	10C0370	03/03/10 00:02
Chlorobenzene	50.0	54.7		ug/L	109%	80 - 121	10C0370	03/03/10 00:02
Chlorodibromomethane	50.0	54.6		ug/L	109%	68 - 137	10C0370	03/03/10 00:02
Chloroethane	50.0	45.9		ug/L	92%	50 - 146	10C0370	03/03/10 00:02
Chloroform	50.0	52.3		ug/L	105%	73 - 131	10C0370	03/03/10 00:02
Chloromethane	50.0	41.7		ug/L	83%	30 - 132	10C0370	03/03/10 00:02
2-Chlorotoluene	50.0	55.2		ug/L	110%	74 - 135	10C0370	03/03/10 00:02
4-Chlorotoluene	50.0	55.0		ug/L	110%	74 - 132	10C0370	03/03/10 00:02
1,2-Dibromo-3-chloropropane	50.0	49.0		ug/L	98%	56 - 145	10C0370	03/03/10 00:02
1,2-Dibromoethane (EDB)	50.0	61.2		ug/L	122%	80 - 135	10C0370	03/03/10 00:02
Dibromomethane	50.0	55.1		ug/L	110%	78 - 133	10C0370	03/03/10 00:02
1,4-Dichlorobenzene	50.0	51.1		ug/L	102%	80 - 120	10C0370	03/03/10 00:02
1,3-Dichlorobenzene	50.0	55.5		ug/L	111%	80 - 128	10C0370	03/03/10 00:02
1,2-Dichlorobenzene	50.0	55.1		ug/L	110%	80 - 125	10C0370	03/03/10 00:02
Dichlorodifluoromethane	50.0	46.2		ug/L	92%	30 - 132	10C0370	03/03/10 00:02
1,1-Dichloroethane	50.0	52.1		ug/L	104%	75 - 125	10C0370	03/03/10 00:02
1,2-Dichloroethane	50.0	53.0		ug/L	106%	70 - 134	10C0370	03/03/10 00:02
cis-1,2-Dichloroethene	50.0	51.7		ug/L	103%	71 - 132	10C0370	03/03/10 00:02
1,1-Dichloroethene	50.0	49.1		ug/L	98%	73 - 125	10C0370	03/03/10 00:02
trans-1,2-Dichloroethene	50.0	50.5		ug/L	101%	77 - 125	10C0370	03/03/10 00:02
1,3-Dichloropropane	50.0	57.1		ug/L	114%	76 - 125	10C0370	03/03/10 00:02
1,2-Dichloropropane	50.0	48.7		ug/L	97%	72 - 120	10C0370	03/03/10 00:02
2,2-Dichloropropane	50.0	53.2		ug/L	106%	50 - 150	10C0370	03/03/10 00:02
cis-1,3-Dichloropropene	50.0	62.8		ug/L	126%	70 - 140	10C0370	03/03/10 00:02
trans-1,3-Dichloropropene	50.0	49.8		ug/L	100%	62 - 139	10C0370	03/03/10 00:02
1,1-Dichloropropene	50.0	52.7		ug/L	105%	78 - 126	10C0370	03/03/10 00:02
Ethylbenzene	50.0	60.7		ug/L	121%	78 - 133	10C0370	03/03/10 00:02
Hexachlorobutadiene	50.0	51.9	B	ug/L	104%	70 - 150	10C0370	03/03/10 00:02
2-Hexanone	250	250		ug/L	100%	60 - 150	10C0370	03/03/10 00:02
Isopropylbenzene	50.0	60.0		ug/L	120%	69 - 120	10C0370	03/03/10 00:02
p-Isopropyltoluene	50.0	51.3		ug/L	103%	72 - 134	10C0370	03/03/10 00:02
Methyl tert-Butyl Ether	50.0	50.5		ug/L	101%	76 - 120	10C0370	03/03/10 00:02
Methylene Chloride	50.0	49.3		ug/L	99%	80 - 133	10C0370	03/03/10 00:02
4-Methyl-2-pentanone	250	290		ug/L	116%	62 - 146	10C0370	03/03/10 00:02
Naphthalene	50.0	59.5		ug/L	119%	71 - 139	10C0370	03/03/10 00:02
n-Propylbenzene	50.0	53.2		ug/L	106%	70 - 143	10C0370	03/03/10 00:02
Styrene	50.0	56.1		ug/L	112%	80 - 136	10C0370	03/03/10 00:02
1,1,1,2-Tetrachloroethane	50.0	61.0		ug/L	122%	80 - 130	10C0370	03/03/10 00:02
1,1,2,2-Tetrachloroethane	50.0	51.9		ug/L	104%	73 - 131	10C0370	03/03/10 00:02
Tetrachloroethene	50.0	57.9		ug/L	116%	77 - 131	10C0370	03/03/10 00:02
Toluene	50.0	53.5		ug/L	107%	78 - 125	10C0370	03/03/10 00:02

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10C0370-BS1</b>								
1,2,3-Trichlorobenzene	50.0	63.1	B	ug/L	126%	71 - 138	10C0370	03/03/10 00:02
1,2,4-Trichlorobenzene	50.0	55.2	B	ug/L	110%	74 - 136	10C0370	03/03/10 00:02
1,1,2-Trichloroethane	50.0	56.6		ug/L	113%	80 - 123	10C0370	03/03/10 00:02
1,1,1-Trichloroethane	50.0	57.6		ug/L	115%	75 - 137	10C0370	03/03/10 00:02
Trichloroethene	50.0	55.3		ug/L	111%	74 - 139	10C0370	03/03/10 00:02
Trichlorofluoromethane	50.0	52.0		ug/L	104%	60 - 133	10C0370	03/03/10 00:02
1,2,3-Trichloroproppane	50.0	48.2		ug/L	96%	64 - 127	10C0370	03/03/10 00:02
1,3,5-Trimethylbenzene	50.0	51.7		ug/L	103%	75 - 134	10C0370	03/03/10 00:02
1,2,4-Trimethylbenzene	50.0	51.6		ug/L	103%	77 - 134	10C0370	03/03/10 00:02
Vinyl chloride	50.0	50.4		ug/L	101%	60 - 122	10C0370	03/03/10 00:02
Xylenes, total	150	180		ug/L	120%	78 - 134	10C0370	03/03/10 00:02
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	24.7			99%	63 - 140	10C0370	03/03/10 00:02
<i>Surrogate: Dibromofluoromethane</i>	25.0	25.3			101%	73 - 131	10C0370	03/03/10 00:02
<i>Surrogate: Toluene-d8</i>	25.0	24.6			98%	80 - 120	10C0370	03/03/10 00:02
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	24.9			99%	79 - 125	10C0370	03/03/10 00:02

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10C0062-MS1</b>										
Acetone	ND	247		ug/L	250	99%	56 - 150	10C0062	NTB2268-10	03/01/10 20:24
Benzene	ND	56.5		ug/L	50.0	113%	65 - 151	10C0062	NTB2268-10	03/01/10 20:24
Bromobenzene	ND	57.4		ug/L	50.0	115%	69 - 142	10C0062	NTB2268-10	03/01/10 20:24
Bromochloromethane	ND	54.3		ug/L	50.0	109%	64 - 154	10C0062	NTB2268-10	03/01/10 20:24
Bromodichloromethane	ND	56.7		ug/L	50.0	113%	75 - 138	10C0062	NTB2268-10	03/01/10 20:24
Bromoform	ND	51.2		ug/L	50.0	102%	55 - 153	10C0062	NTB2268-10	03/01/10 20:24
Bromomethane	ND	40.5		ug/L	50.0	81%	13 - 176	10C0062	NTB2268-10	03/01/10 20:24
2-Butanone	ND	286		ug/L	250	115%	45 - 164	10C0062	NTB2268-10	03/01/10 20:24
sec-Butylbenzene	ND	56.5		ug/L	50.0	113%	68 - 159	10C0062	NTB2268-10	03/01/10 20:24
n-Butylbenzene	ND	54.1		ug/L	50.0	108%	67 - 151	10C0062	NTB2268-10	03/01/10 20:24
tert-Butylbenzene	ND	56.2		ug/L	50.0	112%	73 - 153	10C0062	NTB2268-10	03/01/10 20:24
Carbon disulfide	ND	51.7		ug/L	50.0	103%	33 - 187	10C0062	NTB2268-10	03/01/10 20:24
Carbon Tetrachloride	ND	61.0		ug/L	50.0	122%	64 - 157	10C0062	NTB2268-10	03/01/10 20:24
Chlorobenzene	ND	55.9		ug/L	50.0	112%	78 - 136	10C0062	NTB2268-10	03/01/10 20:24
Chlorodibromomethane	ND	52.2		ug/L	50.0	104%	64 - 145	10C0062	NTB2268-10	03/01/10 20:24
Chloroethane	ND	49.0		ug/L	50.0	98%	48 - 159	10C0062	NTB2268-10	03/01/10 20:24
Chloroform	ND	54.7		ug/L	50.0	109%	72 - 145	10C0062	NTB2268-10	03/01/10 20:24
Chloromethane	ND	35.8		ug/L	50.0	72%	10 - 194	10C0062	NTB2268-10	03/01/10 20:24
2-Chlorotoluene	ND	60.0		ug/L	50.0	120%	66 - 155	10C0062	NTB2268-10	03/01/10 20:24
4-Chlorotoluene	ND	59.3		ug/L	50.0	119%	69 - 149	10C0062	NTB2268-10	03/01/10 20:24
1,2-Dibromo-3-chloropropane	ND	49.8		ug/L	50.0	100%	49 - 162	10C0062	NTB2268-10	03/01/10 20:24
1,2-Dibromoethane (EDB)	ND	62.8		ug/L	50.0	126%	70 - 152	10C0062	NTB2268-10	03/01/10 20:24
Dibromomethane	ND	55.8		ug/L	50.0	112%	75 - 141	10C0062	NTB2268-10	03/01/10 20:24
1,4-Dichlorobenzene	ND	53.6		ug/L	50.0	107%	75 - 135	10C0062	NTB2268-10	03/01/10 20:24
1,3-Dichlorobenzene	ND	58.6		ug/L	50.0	117%	72 - 146	10C0062	NTB2268-10	03/01/10 20:24
1,2-Dichlorobenzene	ND	57.5		ug/L	50.0	115%	80 - 136	10C0062	NTB2268-10	03/01/10 20:24
Dichlorodifluoromethane	ND	43.8		ug/L	50.0	88%	23 - 159	10C0062	NTB2268-10	03/01/10 20:24
1,1-Dichloroethane	ND	57.1		ug/L	50.0	114%	64 - 154	10C0062	NTB2268-10	03/01/10 20:24
1,2-Dichloroethane	ND	54.4		ug/L	50.0	109%	72 - 137	10C0062	NTB2268-10	03/01/10 20:24
cis-1,2-Dichloroethene	ND	56.4		ug/L	50.0	113%	57 - 154	10C0062	NTB2268-10	03/01/10 20:24
1,1-Dichloroethene	ND	52.8		ug/L	50.0	106%	34 - 151	10C0062	NTB2268-10	03/01/10 20:24
trans-1,2-Dichloroethene	ND	54.9		ug/L	50.0	110%	57 - 157	10C0062	NTB2268-10	03/01/10 20:24
1,3-Dichloropropane	ND	59.7		ug/L	50.0	119%	71 - 137	10C0062	NTB2268-10	03/01/10 20:24
1,2-Dichloropropane	ND	55.1		ug/L	50.0	110%	71 - 139	10C0062	NTB2268-10	03/01/10 20:24
2,2-Dichloropropane	ND	65.1		ug/L	50.0	130%	10 - 198	10C0062	NTB2268-10	03/01/10 20:24
cis-1,3-Dichloropropene	ND	68.6		ug/L	50.0	137%	56 - 156	10C0062	NTB2268-10	03/01/10 20:24
trans-1,3-Dichloropropene	ND	53.0		ug/L	50.0	106%	47 - 157	10C0062	NTB2268-10	03/01/10 20:24

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
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Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10C0062-MS1</b>										
1,1-Dichloropropene	ND	58.1		ug/L	50.0	116%	70 - 155	10C0062	NTB2268-10	03/01/10 20:24
Ethylbenzene	ND	62.9		ug/L	50.0	126%	68 - 157	10C0062	NTB2268-10	03/01/10 20:24
Hexachlorobutadiene	ND	50.2	B	ug/L	50.0	100%	47 - 173	10C0062	NTB2268-10	03/01/10 20:24
2-Hexanone	ND	272		ug/L	250	109%	57 - 154	10C0062	NTB2268-10	03/01/10 20:24
Isopropylbenzene	ND	62.0		ug/L	50.0	124%	69 - 139	10C0062	NTB2268-10	03/01/10 20:24
p-Isopropyltoluene	ND	54.5		ug/L	50.0	109%	69 - 151	10C0062	NTB2268-10	03/01/10 20:24
Methyl tert-Butyl Ether	ND	75.1		ug/L	50.0	150%	56 - 152	10C0062	NTB2268-10	03/01/10 20:24
Methylene Chloride	ND	51.8		ug/L	50.0	104%	71 - 136	10C0062	NTB2268-10	03/01/10 20:24
4-Methyl-2-pentanone	ND	322		ug/L	250	129%	62 - 159	10C0062	NTB2268-10	03/01/10 20:24
Naphthalene	ND	48.5		ug/L	50.0	97%	56 - 161	10C0062	NTB2268-10	03/01/10 20:24
n-Propylbenzene	ND	58.2		ug/L	50.0	116%	61 - 167	10C0062	NTB2268-10	03/01/10 20:24
Styrene	ND	57.1		ug/L	50.0	114%	69 - 150	10C0062	NTB2268-10	03/01/10 20:24
1,1,1,2-Tetrachloroethane	ND	60.6		ug/L	50.0	121%	80 - 140	10C0062	NTB2268-10	03/01/10 20:24
1,1,2,2-Tetrachloroethane	ND	55.9		ug/L	50.0	112%	76 - 141	10C0062	NTB2268-10	03/01/10 20:24
Tetrachloroethene	ND	60.9		ug/L	50.0	122%	63 - 155	10C0062	NTB2268-10	03/01/10 20:24
Toluene	ND	64.2		ug/L	50.0	128%	61 - 153	10C0062	NTB2268-10	03/01/10 20:24
1,2,3-Trichlorobenzene	ND	45.4	B	ug/L	50.0	91%	57 - 155	10C0062	NTB2268-10	03/01/10 20:24
1,2,4-Trichlorobenzene	ND	50.6	B	ug/L	50.0	101%	64 - 147	10C0062	NTB2268-10	03/01/10 20:24
1,1,2-Trichloroethane	ND	57.6		ug/L	50.0	115%	74 - 138	10C0062	NTB2268-10	03/01/10 20:24
1,1,1-Trichloroethane	ND	61.4		ug/L	50.0	123%	78 - 153	10C0062	NTB2268-10	03/01/10 20:24
Trichloroethene	ND	58.0		ug/L	50.0	116%	74 - 139	10C0062	NTB2268-10	03/01/10 20:24
Trichlorofluoromethane	ND	52.2		ug/L	50.0	104%	53 - 149	10C0062	NTB2268-10	03/01/10 20:24
1,2,3-Trichloropropane	ND	52.4		ug/L	50.0	105%	49 - 148	10C0062	NTB2268-10	03/01/10 20:24
1,3,5-Trimethylbenzene	ND	55.5		ug/L	50.0	111%	67 - 151	10C0062	NTB2268-10	03/01/10 20:24
1,2,4-Trimethylbenzene	ND	55.3		ug/L	50.0	111%	69 - 150	10C0062	NTB2268-10	03/01/10 20:24
Vinyl chloride	ND	53.7		ug/L	50.0	107%	53 - 137	10C0062	NTB2268-10	03/01/10 20:24
Xylenes, total	ND	185		ug/L	150	123%	68 - 158	10C0062	NTB2268-10	03/01/10 20:24
<i>Surrogate: 1,2-Dichloroethane-d4</i>		24.0		ug/L	25.0	96%	63 - 140	10C0062	NTB2268-10	03/01/10 20:24
<i>Surrogate: Dibromofluoromethane</i>		24.2		ug/L	25.0	97%	73 - 131	10C0062	NTB2268-10	03/01/10 20:24
<i>Surrogate: Toluene-d8</i>		24.4		ug/L	25.0	97%	80 - 120	10C0062	NTB2268-10	03/01/10 20:24
<i>Surrogate: 4-Bromofluorobenzene</i>		25.7		ug/L	25.0	103%	79 - 125	10C0062	NTB2268-10	03/01/10 20:24
<b>10C0370-MS1</b>										
Acetone	626	3160		ug/L	2500	101%	56 - 150	10C0370	NTB2268-12RE	03/03/10 06:52
Benzene	ND	601		ug/L	500	120%	65 - 151	10C0370	NTB2268-12RE	03/03/10 06:52
Bromobenzene	42.6	595		ug/L	500	111%	69 - 142	10C0370	NTB2268-12RE	03/03/10 06:52
									1	

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10C0370-MS1</b>										
Bromochloromethane	ND	601		ug/L	500	120%	64 - 154	10C0370	NTB2268-12RE 1	03/03/10 06:52
Bromodichloromethane	14.3	641		ug/L	500	125%	75 - 138	10C0370	NTB2268-12RE 1	03/03/10 06:52
Bromoform	ND	593		ug/L	500	119%	55 - 153	10C0370	NTB2268-12RE 1	03/03/10 06:52
Bromomethane	ND	450		ug/L	500	90%	13 - 176	10C0370	NTB2268-12RE 1	03/03/10 06:52
2-Butanone	ND	3210		ug/L	2500	128%	45 - 164	10C0370	NTB2268-12RE 1	03/03/10 06:52
sec-Butylbenzene	37.3	623		ug/L	500	117%	68 - 159	10C0370	NTB2268-12RE 1	03/03/10 06:52
n-Butylbenzene	136	655		ug/L	500	104%	67 - 151	10C0370	NTB2268-12RE 1	03/03/10 06:52
tert-Butylbenzene	210	600		ug/L	500	78%	73 - 153	10C0370	NTB2268-12RE 1	03/03/10 06:52
Carbon disulfide	ND	605		ug/L	500	121%	33 - 187	10C0370	NTB2268-12RE 1	03/03/10 06:52
Carbon Tetrachloride	ND	702		ug/L	500	140%	64 - 157	10C0370	NTB2268-12RE 1	03/03/10 06:52
Chlorobenzene	ND	598		ug/L	500	120%	78 - 136	10C0370	NTB2268-12RE 1	03/03/10 06:52
Chlorodibromomethane	17.6	587		ug/L	500	114%	64 - 145	10C0370	NTB2268-12RE 1	03/03/10 06:52
Chloroethane	ND	490		ug/L	500	98%	48 - 159	10C0370	NTB2268-12RE 1	03/03/10 06:52
Chloroform	19.7	610		ug/L	500	118%	72 - 145	10C0370	NTB2268-12RE 1	03/03/10 06:52
Chloromethane	ND	288		ug/L	500	58%	10 - 194	10C0370	NTB2268-12RE 1	03/03/10 06:52
2-Chlorotoluene	141	734		ug/L	500	119%	66 - 155	10C0370	NTB2268-12RE 1	03/03/10 06:52
4-Chlorotoluene	47.8	654		ug/L	500	121%	69 - 149	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2-Dibromo-3-chloropropane	ND	616		ug/L	500	123%	49 - 162	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2-Dibromoethane (EDB)	ND	679		ug/L	500	136%	70 - 152	10C0370	NTB2268-12RE 1	03/03/10 06:52
Dibromomethane	ND	606		ug/L	500	121%	75 - 141	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,4-Dichlorobenzene	ND	567		ug/L	500	113%	75 - 135	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,3-Dichlorobenzene	ND	625		ug/L	500	125%	72 - 146	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2-Dichlorobenzene	ND	610		ug/L	500	122%	80 - 136	10C0370	NTB2268-12RE 1	03/03/10 06:52
Dichlorodifluoromethane	ND	384		ug/L	500	77%	23 - 159	10C0370	NTB2268-12RE 1	03/03/10 06:52

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
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Work Order: NTB2234  
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Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10C0370-MS1</b>										
1,1-Dichloroethane	ND	607		ug/L	500	121%	64 - 154	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2-Dichloroethane	ND	606		ug/L	500	121%	72 - 137	10C0370	NTB2268-12RE 1	03/03/10 06:52
cis-1,2-Dichloroethene	ND	601		ug/L	500	120%	57 - 154	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1-Dichloroethene	ND	629		ug/L	500	126%	34 - 151	10C0370	NTB2268-12RE 1	03/03/10 06:52
trans-1,2-Dichloroethene	ND	599		ug/L	500	120%	57 - 157	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,3-Dichloropropane	ND	628		ug/L	500	126%	71 - 137	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2-Dichloropropane	ND	560		ug/L	500	112%	71 - 139	10C0370	NTB2268-12RE 1	03/03/10 06:52
2,2-Dichloropropane	8.50	633		ug/L	500	125%	10 - 198	10C0370	NTB2268-12RE 1	03/03/10 06:52
cis-1,3-Dichloropropene	ND	718		ug/L	500	144%	56 - 156	10C0370	NTB2268-12RE 1	03/03/10 06:52
trans-1,3-Dichloropropene	26.8	560		ug/L	500	107%	47 - 157	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1-Dichloropropene	ND	628		ug/L	500	126%	70 - 155	10C0370	NTB2268-12RE 1	03/03/10 06:52
Ethylbenzene	560	1150		ug/L	500	119%	68 - 157	10C0370	NTB2268-12RE 1	03/03/10 06:52
Hexachlorobutadiene	ND	558	B	ug/L	500	112%	47 - 173	10C0370	NTB2268-12RE 1	03/03/10 06:52
2-Hexanone	118	2870		ug/L	2500	110%	57 - 154	10C0370	NTB2268-12RE 1	03/03/10 06:52
Isopropylbenzene	121	760		ug/L	500	128%	69 - 139	10C0370	NTB2268-12RE 1	03/03/10 06:52
p-Isopropyltoluene	15.7	583		ug/L	500	113%	69 - 151	10C0370	NTB2268-12RE 1	03/03/10 06:52
Methyl tert-Butyl Ether	13.8	598		ug/L	500	117%	56 - 152	10C0370	NTB2268-12RE 1	03/03/10 06:52
Methylene Chloride	32.0	601		ug/L	500	114%	71 - 136	10C0370	NTB2268-12RE 1	03/03/10 06:52
4-Methyl-2-pentanone	19.8	3300		ug/L	2500	131%	62 - 159	10C0370	NTB2268-12RE 1	03/03/10 06:52
Naphthalene	110	1160	M7	ug/L	500	209%	56 - 161	10C0370	NTB2268-12RE 1	03/03/10 06:52
n-Propylbenzene	368	884		ug/L	500	103%	61 - 167	10C0370	NTB2268-12RE 1	03/03/10 06:52
Styrene	ND	617		ug/L	500	123%	69 - 150	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1,1,2-Tetrachloroethane	ND	669		ug/L	500	134%	80 - 140	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1,2,2-Tetrachloroethane	ND	585		ug/L	500	117%	76 - 141	10C0370	NTB2268-12RE 1	03/03/10 06:52

Client    TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn     Chris Scott

Work Order:    NTB2234  
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 Received:    02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10C0370-MS1</b>										
Tetrachloroethene	ND	638		ug/L	500	128%	63 - 155	10C0370	NTB2268-12RE 1	03/03/10 06:52
Toluene	5.10	596		ug/L	500	118%	61 - 153	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2,3-Trichlorobenzene	ND	740	B	ug/L	500	148%	57 - 155	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2,4-Trichlorobenzene	ND	675	B	ug/L	500	135%	64 - 147	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1,2-Trichloroethane	101	660		ug/L	500	112%	74 - 138	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,1,1-Trichloroethane	ND	683		ug/L	500	137%	78 - 153	10C0370	NTB2268-12RE 1	03/03/10 06:52
Trichloroethylene	ND	618		ug/L	500	124%	74 - 139	10C0370	NTB2268-12RE 1	03/03/10 06:52
Trichlorofluoromethane	ND	563		ug/L	500	113%	53 - 149	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2,3-Trichloroproppane	15.9	576		ug/L	500	112%	49 - 148	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,3,5-Trimethylbenzene	423	915		ug/L	500	99%	67 - 151	10C0370	NTB2268-12RE 1	03/03/10 06:52
1,2,4-Trimethylbenzene	1360	1670	MHA	ug/L	500	62%	69 - 150	10C0370	NTB2268-12RE 1	03/03/10 06:52
Vinyl chloride	ND	522		ug/L	500	104%	53 - 137	10C0370	NTB2268-12RE 1	03/03/10 06:52
Xylenes, total	1170	2950		ug/L	1500	119%	68 - 158	10C0370	NTB2268-12RE 1	03/03/10 06:52
<i>Surrogate: 1,2-Dichloroethane-d4</i>		25.6		ug/L	25.0	102%	63 - 140	10C0370	NTB2268-12RE 1	03/03/10 06:52
<i>Surrogate: Dibromofluoromethane</i>		25.8		ug/L	25.0	103%	73 - 131	10C0370	NTB2268-12RE 1	03/03/10 06:52
<i>Surrogate: Toluene-d8</i>		24.2		ug/L	25.0	97%	80 - 120	10C0370	NTB2268-12RE 1	03/03/10 06:52
<i>Surrogate: 4-Bromofluorobenzene</i>		25.4		ug/L	25.0	102%	79 - 125	10C0370	NTB2268-12RE 1	03/03/10 06:52

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10C0062-MSD1</b>												
Acetone	ND	267		ug/L	250	107%	56 - 150	8	31	10C0062	NTB2268-10	03/01/10 20:51
Benzene	ND	59.3		ug/L	50.0	119%	65 - 151	5	12	10C0062	NTB2268-10	03/01/10 20:51
Bromobenzene	ND	61.3		ug/L	50.0	123%	69 - 142	7	23	10C0062	NTB2268-10	03/01/10 20:51
Bromochloromethane	ND	55.5		ug/L	50.0	111%	64 - 154	2	32	10C0062	NTB2268-10	03/01/10 20:51
Bromodichloromethane	ND	60.7		ug/L	50.0	121%	75 - 138	7	13	10C0062	NTB2268-10	03/01/10 20:51
Bromoform	ND	52.7		ug/L	50.0	105%	55 - 153	3	18	10C0062	NTB2268-10	03/01/10 20:51
Bromomethane	ND	47.5		ug/L	50.0	95%	13 - 176	16	50	10C0062	NTB2268-10	03/01/10 20:51
2-Butanone	ND	293		ug/L	250	117%	45 - 164	2	37	10C0062	NTB2268-10	03/01/10 20:51
sec-Butylbenzene	ND	59.7		ug/L	50.0	119%	68 - 159	6	21	10C0062	NTB2268-10	03/01/10 20:51
n-Butylbenzene	ND	57.6		ug/L	50.0	115%	67 - 151	6	11	10C0062	NTB2268-10	03/01/10 20:51
tert-Butylbenzene	ND	59.3		ug/L	50.0	119%	73 - 153	5	20	10C0062	NTB2268-10	03/01/10 20:51
Carbon disulfide	ND	55.0		ug/L	50.0	110%	33 - 187	6	28	10C0062	NTB2268-10	03/01/10 20:51
Carbon Tetrachloride	ND	62.8		ug/L	50.0	126%	64 - 157	3	26	10C0062	NTB2268-10	03/01/10 20:51
Chlorobenzene	ND	58.7		ug/L	50.0	117%	78 - 136	5	11	10C0062	NTB2268-10	03/01/10 20:51
Chlorodibromomethane	ND	55.4		ug/L	50.0	111%	64 - 145	6	16	10C0062	NTB2268-10	03/01/10 20:51
Chloroethane	ND	51.2		ug/L	50.0	102%	48 - 159	4	35	10C0062	NTB2268-10	03/01/10 20:51
Chloroform	ND	57.2		ug/L	50.0	114%	72 - 145	5	32	10C0062	NTB2268-10	03/01/10 20:51
Chloromethane	ND	42.6		ug/L	50.0	85%	10 - 194	17	34	10C0062	NTB2268-10	03/01/10 20:51
2-Chlorotoluene	ND	63.2		ug/L	50.0	126%	66 - 155	5	22	10C0062	NTB2268-10	03/01/10 20:51
4-Chlorotoluene	ND	62.2		ug/L	50.0	124%	69 - 149	5	22	10C0062	NTB2268-10	03/01/10 20:51
1,2-Dibromo-3-chloropropane	ND	54.7		ug/L	50.0	109%	49 - 162	9	21	10C0062	NTB2268-10	03/01/10 20:51
1,2-Dibromoethane (EDB)	ND	66.3		ug/L	50.0	133%	70 - 152	5	10	10C0062	NTB2268-10	03/01/10 20:51
Dibromomethane	ND	57.3		ug/L	50.0	115%	75 - 141	3	11	10C0062	NTB2268-10	03/01/10 20:51
1,4-Dichlorobenzene	ND	55.6		ug/L	50.0	111%	75 - 135	4	10	10C0062	NTB2268-10	03/01/10 20:51
1,3-Dichlorobenzene	ND	61.0		ug/L	50.0	122%	72 - 146	4	18	10C0062	NTB2268-10	03/01/10 20:51
1,2-Dichlorobenzene	ND	59.8		ug/L	50.0	120%	80 - 136	4	11	10C0062	NTB2268-10	03/01/10 20:51
Dichlorodifluoromethane	ND	42.9		ug/L	50.0	86%	23 - 159	2	32	10C0062	NTB2268-10	03/01/10 20:51
1,1-Dichloroethane	ND	60.0		ug/L	50.0	120%	64 - 154	5	34	10C0062	NTB2268-10	03/01/10 20:51
1,2-Dichloroethane	ND	55.9		ug/L	50.0	112%	72 - 137	3	25	10C0062	NTB2268-10	03/01/10 20:51
cis-1,2-Dichloroethene	ND	59.0		ug/L	50.0	118%	57 - 154	4	32	10C0062	NTB2268-10	03/01/10 20:51
1,1-Dichloroethene	ND	55.4		ug/L	50.0	111%	34 - 151	5	31	10C0062	NTB2268-10	03/01/10 20:51
trans-1,2-Dichloroethene	ND	57.2		ug/L	50.0	114%	57 - 157	4	32	10C0062	NTB2268-10	03/01/10 20:51
1,3-Dichloropropane	ND	62.8		ug/L	50.0	126%	71 - 137	5	20	10C0062	NTB2268-10	03/01/10 20:51
1,2-Dichloropropane	ND	58.6		ug/L	50.0	117%	71 - 139	6	11	10C0062	NTB2268-10	03/01/10 20:51
2,2-Dichloropropane	ND	68.7		ug/L	50.0	137%	10 - 198	5	11	10C0062	NTB2268-10	03/01/10 20:51
cis-1,3-Dichloropropene	ND	73.7		ug/L	50.0	147%	56 - 156	7	35	10C0062	NTB2268-10	03/01/10 20:51
trans-1,3-Dichloropropene	ND	56.4		ug/L	50.0	113%	47 - 157	6	26	10C0062	NTB2268-10	03/01/10 20:51
1,1-Dichloropropene	ND	60.7		ug/L	50.0	121%	70 - 155	4	18	10C0062	NTB2268-10	03/01/10 20:51
Ethylbenzene	ND	66.6		ug/L	50.0	133%	68 - 157	6	12	10C0062	NTB2268-10	03/01/10 20:51
Hexachlorobutadiene	ND	56.5	B	ug/L	50.0	113%	47 - 173	12	21	10C0062	NTB2268-10	03/01/10 20:51
2-Hexanone	ND	288		ug/L	250	115%	57 - 154	6	20	10C0062	NTB2268-10	03/01/10 20:51

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10C0062-MSD1</b>												
Isopropylbenzene	ND	64.6		ug/L	50.0	129%	69 - 139	4	15	10C0062	NTB2268-10	03/01/10 20:51
p-Isopropyltoluene	ND	57.2		ug/L	50.0	114%	69 - 151	5	18	10C0062	NTB2268-10	03/01/10 20:51
Methyl tert-Butyl Ether	ND	77.6	M7	ug/L	50.0	155%	56 - 152	3	32	10C0062	NTB2268-10	03/01/10 20:51
Methylene Chloride	ND	54.5		ug/L	50.0	109%	71 - 136	5	36	10C0062	NTB2268-10	03/01/10 20:51
4-Methyl-2-pentanone	ND	340		ug/L	250	136%	62 - 159	6	35	10C0062	NTB2268-10	03/01/10 20:51
Naphthalene	ND	60.7		ug/L	50.0	121%	56 - 161	22	30	10C0062	NTB2268-10	03/01/10 20:51
n-Propylbenzene	ND	61.3		ug/L	50.0	123%	61 - 167	5	23	10C0062	NTB2268-10	03/01/10 20:51
Styrene	ND	59.6		ug/L	50.0	119%	69 - 150	4	29	10C0062	NTB2268-10	03/01/10 20:51
1,1,1,2-Tetrachloroethane	ND	63.6		ug/L	50.0	127%	80 - 140	5	11	10C0062	NTB2268-10	03/01/10 20:51
1,1,2,2-Tetrachloroethane	ND	59.4		ug/L	50.0	119%	76 - 141	6	28	10C0062	NTB2268-10	03/01/10 20:51
Tetrachloroethene	ND	61.9		ug/L	50.0	124%	63 - 155	2	16	10C0062	NTB2268-10	03/01/10 20:51
Toluene	ND	64.4		ug/L	50.0	129%	61 - 153	0.3	35	10C0062	NTB2268-10	03/01/10 20:51
1,2,3-Trichlorobenzene	ND	61.7	R, B	ug/L	50.0	123%	57 - 155	30	28	10C0062	NTB2268-10	03/01/10 20:51
1,2,4-Trichlorobenzene	ND	57.8	B	ug/L	50.0	116%	64 - 147	13	23	10C0062	NTB2268-10	03/01/10 20:51
1,1,2-Trichloroethane	ND	60.0		ug/L	50.0	120%	74 - 138	4	21	10C0062	NTB2268-10	03/01/10 20:51
1,1,1-Trichloroethane	ND	64.4		ug/L	50.0	129%	78 - 153	5	29	10C0062	NTB2268-10	03/01/10 20:51
Trichloroethene	ND	60.3		ug/L	50.0	121%	74 - 139	4	11	10C0062	NTB2268-10	03/01/10 20:51
Trichlorofluoromethane	ND	53.1		ug/L	50.0	106%	53 - 149	2	33	10C0062	NTB2268-10	03/01/10 20:51
1,2,3-Trichloropropane	ND	56.0		ug/L	50.0	112%	49 - 148	7	25	10C0062	NTB2268-10	03/01/10 20:51
1,3,5-Trimethylbenzene	ND	59.0		ug/L	50.0	118%	67 - 151	6	21	10C0062	NTB2268-10	03/01/10 20:51
1,2,4-Trimethylbenzene	ND	58.3		ug/L	50.0	117%	69 - 150	5	20	10C0062	NTB2268-10	03/01/10 20:51
Vinyl chloride	ND	56.5		ug/L	50.0	113%	53 - 137	5	32	10C0062	NTB2268-10	03/01/10 20:51
Xylenes, total	ND	193		ug/L	150	129%	68 - 158	4	18	10C0062	NTB2268-10	03/01/10 20:51
<i>Surrogate: 1,2-Dichloroethane-d4</i>		24.2		ug/L	25.0	97%	63 - 140			10C0062	NTB2268-10	03/01/10 20:51
<i>Surrogate: Dibromofluoromethane</i>		24.2		ug/L	25.0	97%	73 - 131			10C0062	NTB2268-10	03/01/10 20:51
<i>Surrogate: Toluene-d8</i>		24.7		ug/L	25.0	99%	80 - 120			10C0062	NTB2268-10	03/01/10 20:51
<i>Surrogate: 4-Bromofluorobenzene</i>		26.2		ug/L	25.0	105%	79 - 125			10C0062	NTB2268-10	03/01/10 20:51
<b>10C0370-MSD1</b>												
Acetone	626	3340		ug/L	2500	109%	56 - 150	6	31	10C0370	NTB2268-12R E1	03/03/10 07:19
Benzene	ND	618		ug/L	500	124%	65 - 151	3	12	10C0370	NTB2268-12R E1	03/03/10 07:19
Bromobenzene	42.6	625		ug/L	500	116%	69 - 142	5	23	10C0370	NTB2268-12R E1	03/03/10 07:19
Bromochloromethane	ND	600		ug/L	500	120%	64 - 154	0.2	32	10C0370	NTB2268-12R E1	03/03/10 07:19
Bromodichloromethane	14.3	655		ug/L	500	128%	75 - 138	2	13	10C0370	NTB2268-12R E1	03/03/10 07:19
Bromoform	ND	602		ug/L	500	120%	55 - 153	2	18	10C0370	NTB2268-12R E1	03/03/10 07:19
Bromomethane	ND	475		ug/L	500	95%	13 - 176	5	50	10C0370	NTB2268-12R E1	03/03/10 07:19
2-Butanone	ND	3280		ug/L	2500	131%	45 - 164	2	37	10C0370	NTB2268-12R E1	03/03/10 07:19

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10C0370-MSD1</b>												
sec-Butylbenzene	37.3	643		ug/L	500	121%	68 - 159	3	21	10C0370	NTB2268-12R E1	03/03/10 07:19
n-Butylbenzene	136	676		ug/L	500	108%	67 - 151	3	11	10C0370	NTB2268-12R E1	03/03/10 07:19
tert-Butylbenzene	210	626		ug/L	500	83%	73 - 153	4	20	10C0370	NTB2268-12R E1	03/03/10 07:19
Carbon disulfide	ND	614		ug/L	500	123%	33 - 187	1	28	10C0370	NTB2268-12R E1	03/03/10 07:19
Carbon Tetrachloride	ND	706		ug/L	500	141%	64 - 157	0.6	26	10C0370	NTB2268-12R E1	03/03/10 07:19
Chlorobenzene	ND	612		ug/L	500	122%	78 - 136	2	11	10C0370	NTB2268-12R E1	03/03/10 07:19
Chlorodibromomethane	17.6	602		ug/L	500	117%	64 - 145	3	16	10C0370	NTB2268-12R E1	03/03/10 07:19
Chloroethane	ND	492		ug/L	500	98%	48 - 159	0.4	35	10C0370	NTB2268-12R E1	03/03/10 07:19
Chloroform	19.7	617		ug/L	500	120%	72 - 145	1	32	10C0370	NTB2268-12R E1	03/03/10 07:19
Chloromethane	ND	333		ug/L	500	67%	10 - 194	15	34	10C0370	NTB2268-12R E1	03/03/10 07:19
2-Chlorotoluene	141	752		ug/L	500	122%	66 - 155	2	22	10C0370	NTB2268-12R E1	03/03/10 07:19
4-Chlorotoluene	47.8	675		ug/L	500	126%	69 - 149	3	22	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2-Dibromo-3-chloropropane	ND	643		ug/L	500	129%	49 - 162	4	21	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2-Dibromoethane (EDB)	ND	702		ug/L	500	140%	70 - 152	3	10	10C0370	NTB2268-12R E1	03/03/10 07:19
Dibromomethane	ND	618		ug/L	500	124%	75 - 141	2	11	10C0370	NTB2268-12R E1	03/03/10 07:19
1,4-Dichlorobenzene	ND	589		ug/L	500	118%	75 - 135	4	10	10C0370	NTB2268-12R E1	03/03/10 07:19
1,3-Dichlorobenzene	ND	645		ug/L	500	129%	72 - 146	3	18	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2-Dichlorobenzene	ND	628		ug/L	500	126%	80 - 136	3	11	10C0370	NTB2268-12R E1	03/03/10 07:19
Dichlorodifluoromethane	ND	370		ug/L	500	74%	23 - 159	4	32	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1-Dichloroethane	ND	625		ug/L	500	125%	64 - 154	3	34	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2-Dichloroethane	ND	613		ug/L	500	123%	72 - 137	1	25	10C0370	NTB2268-12R E1	03/03/10 07:19
cis-1,2-Dichloroethene	ND	606		ug/L	500	121%	57 - 154	1	32	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1-Dichloroethene	ND	645		ug/L	500	129%	34 - 151	2	31	10C0370	NTB2268-12R E1	03/03/10 07:19
trans-1,2-Dichloroethene	ND	616		ug/L	500	123%	57 - 157	3	32	10C0370	NTB2268-12R E1	03/03/10 07:19
1,3-Dichloropropane	ND	652		ug/L	500	130%	71 - 137	4	20	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2-Dichloropropane	ND	587		ug/L	500	117%	71 - 139	5	11	10C0370	NTB2268-12R E1	03/03/10 07:19

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10C0370-MSD1</b>												
2,2-Dichloropropane	8.50	655		ug/L	500	129%	10 - 198	3	11	10C0370	NTB2268-12R E1	03/03/10 07:19
cis-1,3-Dichloropropene	ND	748		ug/L	500	150%	56 - 156	4	35	10C0370	NTB2268-12R E1	03/03/10 07:19
trans-1,3-Dichloropropene	26.8	580		ug/L	500	111%	47 - 157	4	26	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1-Dichloropropene	ND	647		ug/L	500	129%	70 - 155	3	18	10C0370	NTB2268-12R E1	03/03/10 07:19
Ethylbenzene	560	1150		ug/L	500	117%	68 - 157	0.5	12	10C0370	NTB2268-12R E1	03/03/10 07:19
Hexachlorobutadiene	ND	591	B	ug/L	500	118%	47 - 173	6	21	10C0370	NTB2268-12R E1	03/03/10 07:19
2-Hexanone	118	3030		ug/L	2500	116%	57 - 154	5	20	10C0370	NTB2268-12R E1	03/03/10 07:19
Isopropylbenzene	121	767		ug/L	500	129%	69 - 139	1	15	10C0370	NTB2268-12R E1	03/03/10 07:19
p-Isopropyltoluene	15.7	602		ug/L	500	117%	69 - 151	3	18	10C0370	NTB2268-12R E1	03/03/10 07:19
Methyl tert-Butyl Ether	13.8	634		ug/L	500	124%	56 - 152	6	32	10C0370	NTB2268-12R E1	03/03/10 07:19
Methylene Chloride	32.0	607		ug/L	500	115%	71 - 136	1	36	10C0370	NTB2268-12R E1	03/03/10 07:19
4-Methyl-2-pentanone	19.8	3450		ug/L	2500	137%	62 - 159	5	35	10C0370	NTB2268-12R E1	03/03/10 07:19
Naphthalene	110	870		ug/L	500	152%	56 - 161	28	30	10C0370	NTB2268-12R E1	03/03/10 07:19
n-Propylbenzene	368	900		ug/L	500	106%	61 - 167	2	23	10C0370	NTB2268-12R E1	03/03/10 07:19
Styrene	ND	632		ug/L	500	126%	69 - 150	2	29	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1,1,2-Tetrachloroethane	ND	685		ug/L	500	137%	80 - 140	2	11	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1,2,2-Tetrachloroethane	ND	611		ug/L	500	122%	76 - 141	4	28	10C0370	NTB2268-12R E1	03/03/10 07:19
Tetrachloroethene	ND	646		ug/L	500	129%	63 - 155	1	16	10C0370	NTB2268-12R E1	03/03/10 07:19
Toluene	5.10	610		ug/L	500	121%	61 - 153	2	35	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2,3-Trichlorobenzene	ND	757	B	ug/L	500	151%	57 - 155	2	28	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2,4-Trichlorobenzene	ND	696	B	ug/L	500	139%	64 - 147	3	23	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1,2-Trichloroethane	101	682		ug/L	500	116%	74 - 138	3	21	10C0370	NTB2268-12R E1	03/03/10 07:19
1,1,1-Trichloroethane	ND	697		ug/L	500	139%	78 - 153	2	29	10C0370	NTB2268-12R E1	03/03/10 07:19
Trichloroethene	ND	635		ug/L	500	127%	74 - 139	3	11	10C0370	NTB2268-12R E1	03/03/10 07:19
Trichlorofluoromethane	ND	548		ug/L	500	110%	53 - 149	3	33	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2,3-Trichloropropane	15.9	605		ug/L	500	118%	49 - 148	5	25	10C0370	NTB2268-12R E1	03/03/10 07:19

Client    TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn     Chris Scott

Work Order:    NTB2234  
 Project Name:    Elmco  
 Project Number:    07-Elm01-01  
 Received:    02/26/10 15:44

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10C0370-MSD1</b>												
1,3,5-Trimethylbenzene	423	928		ug/L	500	101%	67 - 151	1	21	10C0370	NTB2268-12R E1	03/03/10 07:19
1,2,4-Trimethylbenzene	1360	1660	MHA	ug/L	500	61%	69 - 150	0.5	20	10C0370	NTB2268-12R E1	03/03/10 07:19
Vinyl chloride	ND	534		ug/L	500	107%	53 - 137	2	32	10C0370	NTB2268-12R E1	03/03/10 07:19
Xylenes, total	1170	2940		ug/L	1500	118%	68 - 158	0.4	18	10C0370	NTB2268-12R E1	03/03/10 07:19
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.3			ug/L	25.0	101%	63 - 140			10C0370	NTB2268-12R E1	03/03/10 07:19
<i>Surrogate: Dibromofluoromethane</i>	25.7			ug/L	25.0	103%	73 - 131			10C0370	NTB2268-12R E1	03/03/10 07:19
<i>Surrogate: Toluene-d8</i>	24.2			ug/L	25.0	97%	80 - 120			10C0370	NTB2268-12R E1	03/03/10 07:19
<i>Surrogate: 4-Bromofluorobenzene</i>	25.7			ug/L	25.0	103%	79 - 125			10C0370	NTB2268-12R E1	03/03/10 07:19

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NTB2234  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 02/26/10 15:44

## CERTIFICATION SUMMARY

### TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Tennessee
SW846 8260B	Water	N/A	X	N/A

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

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Received: 02/26/10 15:44

#### DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND** Not detected at the reporting limit (or method detection limit if shown)

#### METHOD MODIFICATION NOTES



## COOLER RECEI

NTB2234

Cooler Received/Opened On\_02/26/10 @ 15:44

0

1. Tracking # \_\_\_\_\_ (last 4 digits, FedEx,)

Courier: WALK-IN IR Gun ID 973101662. Temperature of rep. sample or temp blank when opened: 38 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

YES...NO...NA

4. Were custody seals on outside of cooler?

If yes, how many and where: \_\_\_\_\_

YES...NO...NA

5. Were the seals intact, signed, and dated correctly?

6. Were custody papers inside cooler?

I certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# \_\_\_\_\_

**NTB2234**  
03/12/10 23:59

**TestAmerica**

Nashville Division  
2960 Foster Creighton Drive \* Nashville TN 37204  
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Client: TriAD Env. Consultants (6921)

Address: 207 Donelson Pike, Suite 200

City, State, Zip: Nashville TN 37214

Client Invoice Contact: Kim Browers

Client Project Mgr: Chris Scott

Client Telephone#: (615) 889-6888

Fax: (615) 889-4004

Sampler Name (Print): Chris Scott

SamplerSignature: Chris Scott

TA Account #: 488472

Invoice to: TriAD Env. Consultants (6921)

PO #: 07-ELMo1-01  
Page 1 of 1

Report to: Chris Scott

Project Name: Elmco

Facility ID: 07-ELM01-01

Site Address:

City, State, Zip:

Tennessee

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab Composite	Field Filtered	Sodium Bisulfite	Methanol	Preservative	Regulatory District (CA):	Matrix	Analyze for
Blank											
HR-2	3/24/10	14:15	3	X							
HR-DS-LC											
LC-MS											
LC-PC											
Watergate											
<i>Trip</i>											

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

\* Pre-Arrangements must be made AT LEAST 48 hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

**NOTES/SPECIAL INSTRUCTIONS:**

BO# 18400

Received for TestAmerica by: <u>Chris Scott</u>	Date: <u>3/24/10</u>	Time: <u>1544</u>	Received by: _____	Date: _____	Time: _____	Relinquished by: _____	Date: _____	Time: _____	
Shipped Via: <u>UPS</u>	Shipped Via: _____								
Received for TestAmerica by: <u>Chris Scott</u>	Date: <u>3/24/10</u>	Time: <u>1544</u>	Temperature Upon Receipt: <u>35 F</u>	Sample Containers Intact? Y N <u>Y</u>	QC Deliverables (Please Circle One): Level 2 <u>Y</u> Level 3 <u>Y</u> Level 4 <u>Y</u> Site Specific <u>Y</u>	Date Due of Report: _____			
			VOCs Free of Headspace? Y N <u>Y</u>	(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)					